

James Bryan Graves

Amsterdam, The Netherlands | +31 6 11 75 19 66 | jamesbryangraves@gmail.com
born: 1978, United States of America

- Executive, manager & team lead @ SMEs & startups
- Budgeting, planning & execution projects >2mil EUR
- Software architecture & engineering

EXPERIENCE

Technology Lead (interim CTO), Senior SDE

Jul. 2023 – Present

Dream Machine Innovations Inc., More to, moreto.io*

New York, New York, USA, REMOTE

- Prompt engineering, integration and content creation with Gen AI (OpenAI GPT-4)
- REST API using Python, PostgreSQL
- Apple iOS app in Swift/SwiftUI

Co-founder, CTO, Technology Lead, Senior SDE

Oct. 2020 – March 2023

THE EMBASSIES of Good Living AG, embassies.com

Zürich, Switzerland, REMOTE

- Intent based iOS app in Swift with Apple Watch & Homepod/Siri support
- REST API using Typescript, Node.js, GraphQL

Researcher, Senior SDE

Oct. 2015 – Oct. 2020

Hubzero, Purdue University, UCSD, San Diego Supercomputer Center (SDSC), hubzero.org San Diego, CA, REMOTE

- JVM based microservices in Clojure & Java
- Frontend applications in Clojurescript (CLJS), Re-frame, React, D3
- MySQL, RabbitMQ, Apache Solr, Docker
- Published 2 academic papers, multi-conference speaker

Lecturer & Workshop Leader

Dec. 2019 – Jun. 2021

Royal Academy of Art (KABK), kabk.nl

The Hague, The Netherlands

- Teaching position & workshop leader for bachelor level design based coding curriculum
- Projects included creating live coding performances, websites, & games
- 2 classes per semester, with >30 students each
- Conducted additional workshops masters level

Founder

Feb. 2011 – Nov. 2019

Hackers & Founders, hackersandfounders.nl

Amsterdam, The Netherlands

- Meetup group & community
- >10000 members across The Netherlands
- co-working, leased property, 850m² real estate, ≈ 100 desks

Co-founder

Jul. 2013 – Aug. 2018

Hackers & Designers, hackersanddesigners.nl

Amsterdam, The Netherlands

- Non-profit (Stichting)
- Bringing art, design, and technology closer together
- successfully authored grant applications, and funded year over year
- Node.js, Python, Solidity, Ethereum, Linux, Bitcoin, Javascript, RaspberryPi

Technology Lead, Senior SDE

May 2013 – Oct. 2015

Qardio, Inc., qardio.com

San Francisco, CA & Amsterdam, The Netherlands

- Apple iOS app in Swift/Objective-C for Bluetooth connected consumer health devices
- REST API, PHP
- AWS, Docker, PostgreSQL, Embedded C
- Wrote approved United States FDA (Food & Drug Administration) application & specifications

Co-founder, CTO, Senior SDE

May 2011 – May. 2013

Ideedock

Amsterdam, The Netherlands

- Developed REST API in Javascript/Node.js

- Backbone.js based MVC frontend
- Technologies including AWS, MongoDB

Mobile Lead, Senior SDE

Sep. 2009 – May 2011
Amsterdam, The Netherlands

Whatser

- Location (GPS) based social media platform, Augmented Reality (AR)
- Apple iOS/Objective-C, C, C++, REST, APIs, Ruby on Rails

Senior SDE

Jun. 2008 – Jul. 2009

Interactions Incorporated

Carmel, IN USA

- Teleconferencing platform
- Java, Java EE, HTTP, APIs, HTML, CSS

Senior SDE

Feb. 2007 – May 2007

Computer Sciences Corporation (Arabia)

Riyadh, Saudi Arabia

- Biometrics platform
- Java, Java EE, IBM Websphere, Oracle

Senior Software Consultant

Jun. 2003 – Feb. 2007

Software Architects, Sogeti

Riyadh, Saudi Arabia

- Java, Java EE, IBM Websphere, Oracle, DB2

SDE

Oct. 2000 – Feb. 2003

Cantilever Technologies

Purdue University, West Lafayette, IN USA

- Java, XML, XLST, PostgreSQL

SDE

May 2000 – Oct. 2000

IBM

Burlington, VT

- C++ & Java based test evaluation platform with UI for silicon wafer test results
- IBM Websphere Application Server, DB2

EDUCATION

Purdue University

West Lafayette, IN, USA

Bachelor of Science in Computer Science, BSCS, Music Theory Minor

Aug. 1996 – May 2000

PROJECTS

Co-creator, *WINWIN*, winwin.zone

Jul. 2019 – Apr. 2021

- Consensus based debate & threaded community platform
- Python, Web3, Solidity, Ethereum

Co-creator, *Ourspace*, joinourspace.nl

Mar. 2015 – Present

- Algorithmic choreography via chatbot
- Javascript, Node.js, Chatbot, Whatsapp

Co-creator, *Duodisco/Distance Disco*, duodisco.nl, distancedisco.nl

Dec. 2012 – Apr. 2020

- Silent disco w/ gamification
- Apple, iOS, Swift

Co-creator, *HearUsHere*, hearushereapp.com

Dec. 2012 – Sep. 2019

- Algorithmic choreography via chatbot
- Apple, iOS, Objective-C, Swift, Javascript, Node.js

TECHNICAL SKILLS

Languages: Java, Clojure, Python, C/C++, .NET/C#, SQL, GraphQL, JavaScript, Swift, Objective C, ...

Frameworks: React, Vue, Next/Nuxt, Node.js, Apple Developer, Django, Rails ...

Developer Tools: Git, Docker, Google Cloud Platform, AWS, VS Code, Visual Studio, IntelliJ, Eclipse, ...

Coliving Conference, Speaker

Amsterdam, The Netherlands, Sep. 2023

Lecture/Workshop, Royal Academy of Art (KABK)

Den Haag, The Netherlands, Jan. 2023

Speaker, EGI Conference

Amsterdam, The Netherlands, Nov. 2020

Speaker, IMPAKT Festival

Utrecht, The Netherlands, Oct. 2020

Speaker, Gateways Conference, Science Gateways Community Institute (SGCI)

San Diego, CA, USA, Oct. 2020

Lecture/Workshop, Aalto University

Helsinki, Finland, Dec. 2019

Exhibitor, Mutation Festival

Nerdlab, Ghent, Belgium, Oct. 2019

Participant, Sandberg Instituut Masterclass

Amsterdam, The Netherlands, Mar. 2019

Workshop/Exhibitor, Science Gateways Community Institute (SGCI)

San Diego, CA, USA, Sep. 2018

Organizer, Hackers & Designers Summer Academy 2018

Amsterdam, The Netherlands, Jul. 2018

Lecture/Workshop, School of City Design, CAFA

Beijing, China, Oct. 2017

Lecture/Workshop, Fine Arts Academy of Hunan Normal University

Chang Sha, China, Oct. 2017

Exhibitor, Oddstream

Arnhem, The Netherlands, Oct. 2017

Organizer, Hackers & Designers Summer Academy 2017

Amsterdam, The Netherlands, Jul. 2017

Speaker, FIBER Festival, Speaker

Amsterdam, The Netherlands, May 2017

Speaker, Hackers & Founders Meetup

Amsterdam, The Netherlands, Apr. 2017

Speaker, REMEDI Pump collaborative conference

Chicago, IL, USA, Apr. 2017

Residency, Oddstream Oddstay

Arnhem, The Netherlands, Apr. 2017

Exhibitor, STRP Festival

Eindhoven, The Netherlands, Mar. 2017

Workshop, Baby you can drive my car (self-driving car)

Amsterdam, The Netherlands, Feb. 2017

Exhibitor, KASK, ... een kleptomaan neemt de dingen letterlijk ...,

Gent, Belgium, Feb. 2017

Workshop, Big Brother Awards

Amsterdam, The Netherlands, Nov. 2016

Exhibitor, Journey with Hovel Bot
Brussels, Belgium, Oct. 2016

Speaker, ACM Purdue University
West Lafayette, IN, USA, Oct. 2016

Workshop, Endless Cities Festival
Toronto, Canada, Sep. 2016

Speaker, Otis College
Los Angeles, CA, USA, Sep. 2016

Residency, Mad Scientist Festival
Bern, Switzerland, Sep. 2016

Organizer, Hackers & Designers Summer Academy 2016
Amsterdam, The Netherlands, Jul. 2016

Exhibitor, Northside Festival
Brooklyn, NY, USA, June 2016

Speaker/Exhibitor, Sektor 3.0 Conference
Warsaw, Poland, May 2016

Workshop, LibreGraphics Meetup
London, United Kingdom, Apr. 2016

Workshop, Sandberg Instituut
Amsterdam, The Netherlands, Feb. 2016

Exhibitor, ZineFest
Berlin, Germany, Nov. 2015

Workshop, Mozilla Mozfest
London, United Kingdom, Oct. 2015

Speaker, EBF Conference
Groningen, The Netherlands, September 2015

Organizer, Hackers & Designers Summer Academy 2015
Amsterdam, The Netherlands, Jul. 2015

Residency, Invisible Cities Festival
Gorizia, Italy, June 2015

Exhibitor, Appril Festival
Amsterdam, The Netherlands, Mar. 2015

Workshop, University of Amsterdam
Amsterdam, The Netherlands, Feb. 2015

Workshop, Mozilla Mozfest
London, United Kingdom, Oct. 2014

Exhibitor, Collision Conference
Las Vegas, NV, USA, May 2014

Exhibitor/Speaker, Tech Crunch Disrupt
Berlin, Germany, Oct. 2013

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