

# James Bryan Graves

Amsterdam, The Netherlands | +31 6 11 75 19 66 | [jamesbryangraves@gmail.com](mailto: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

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### CTO in residence, tech leadership

*Antler, antler.co*

May 2024 – Present  
*Amsterdam, The Netherlands*

- Entrepreneurship, startups, & venture capital
- Quantum computing
- Gen AI, prompt engineering, & AI/ML
- Compute, GPU & cloud

### Technology Lead (interim CTO), Senior SDE

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

Jul. 2023 – Present  
*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

*THE EMBASSIES of Good Living AG, embassies.com*

Oct. 2020 – March 2023  
*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

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

Oct. 2015 – Oct. 2020

- 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

*Royal Academy of Art (KABK), kabk.nl*

Dec. 2019 – Jun. 2021  
*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

*Hackers & Founders, hackersandfounders.nl*

Feb. 2011 – Nov. 2019  
*Amsterdam, The Netherlands*

- Meetup group & community
- >10000 members across The Netherlands
- co-working, leased property, 850m<sup>2</sup> real estate, ≈ 100 desks

### Co-founder

*Hackers & Designers, hackersanddesigners.nl*

Jul. 2013 – Aug. 2018  
*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

*Qardio, Inc., qardio.com*

May 2013 – Oct. 2015  
*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

*Ideedock*

May 2011 – May. 2013  
Amsterdam, The Netherlands

- Developed REST API in Javascript/Node.js
- Backbone.js based MVC frontend
- Technologies including AWS, MongoDB

## Mobile Lead, Senior SDE

*Whatser*

Sep. 2009 – May 2011  
Amsterdam, The Netherlands

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

## Senior SDE

*Interactions Incorporated*

Jun. 2008 – Jul. 2009  
Carmel, IN USA

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

## Senior SDE

*Computer Sciences Corporation (Arabia)*

Feb. 2007 – May 2007  
Riyadh, Saudi Arabia

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

## Senior Software Consultant

*Software Architects, Sogeti*

Jun. 2003 – Feb. 2007  
Riyadh, Saudi Arabia

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

## SDE

*Cantilever Technologies*

Oct. 2000 – Feb. 2003  
Purdue University, West Lafayette, IN USA

- Java, XML, XLST, PostgreSQL

## SDE

*IBM*

May 2000 – Oct. 2000  
Burlington, VT

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

## EDUCATION

### Massachusetts Institute of Technology, MIT

*Quantum Computing Fundamentals, xPRO*

Cambridge, MA, US, remote  
Apr. 2024 – June 2024

### Purdue University

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

West Lafayette, IN, USA  
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

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**Languages:** Java, Clojure, Python, C/C++, .NET/C#, PHP, 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, ...