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

CTO in residence, tech leadership
May 2024 – Present
Antler, antler.co — *Amsterdam, The Netherlands*
- Entrepreneurship, startups, & venture capital
- Quantum computing
- Gen AI, prompt engineering, & AI/ML
- Compute, GPU & cloud

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, PostgresSQL
- 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

More experience available on request, or @ jamesbryangraves.com ...

SDE
May 2000 – Oct. 2000
IBM — *Burlington, VT*
- C++ & Java based test evaluation platform with UI for silicon waffer test results
- IBM Websphere Application Server, DB2

EDUCATION

Massachusetts Institute of Technology, MIT
Cambridge, MA, US, remote
Quantum Computing Fundamentals, xPRO — *Apr. 2024 – June 2024*

Purdue University
West Lafayette, IN, USA
Bachelor of Science in Computer Science, BSCS, Music Theory Minor — *Aug. 1996 – May 2000*

TECHNICAL SKILLS

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, ...