

Arthur Damm

Full-Stack Software Engineer excited to reduce the time-and-space complexity of business problems.

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[Github](#)
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EXPERIENCE

Self-Employed, San Francisco — Private Tutor

October 2012 - PRESENT

- Tutor rigorous yet creative math, programming, science & concentration techniques.
- Increase scores of dozens of clients from middle-school to post-college by 1 to 2 grades.
- Teach using uniquely engaging and personalized methods.
- Integrate mindfulness, compassion & insight meditation to facilitate learning.

Open Garden Inc., San Francisco — Technical Intern

October 2011 - October 2012

- Lead developer of Open Garden WiFi Tether Android app, re-architected app from single activity to background service for enhanced usability, implemented community RSS feed, integrated Facebook Connect for organic marketing, added Access Point mode to connect iPhones & iPads, greatly expanding user base.
- Developed UI and assisted in back end of Open Garden Mesh Android app, designed and implemented front end XML UI, implemented force layout algorithm for dynamically animated network graph with sparkline.
- Wrote and modified automated testing tools and installation scripts.
- Provided technical user support via email and community forum to app users.

MRD Data Consulting, San Francisco — IT Coordinator

January 2008 - October 2011

- Wrote and debugged HTML, JavaScript, and VBA scripts for website & internal docs.
- Produced rich Microsoft Word and Excel documents for internal and client use.
- Provided excellent phone and email client service & software technical support.
- Performed general administrative office duties & data entry.

EDUCATION

Holberton School, San Francisco — Systems & Algorithms

January 2019 - October 2020

Specialization: Advanced Linux Programming, Algorithms & Blockchain.

Foundations: Full-Stack Software Engineering.

University of California, Santa Cruz — BA Mathematics

September 2000 - June 2004

Written Honors in: Java Programming, Linear Algebra, Multivariable Calculus, Differential Equations, Linguistic Syntax & Cost Accounting.

PROJECTS

TwoDoor — arthurdamm.com

Spaced-Repetition Flashcard Learning App in JavaScript ES6 & CSS3.



SKILLS

Automated Testing
Pair Programming
Teaching

LANGUAGES

C
Python
Java
Javascript
Android
Bash

GOALS

Embedded Programming
Internet of Things
Blockchain

INTERESTS

Mindfulness (1 hour daily)
Billiards
Brazilian Jiu-Jitsu