

David Aaron Suddjian

PERSONAL DATA

WEBSITE: digitalrocketry.com

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I am passionate about software engineering and algorithm design. I solve complex business problems with systems that are powerful, efficient, and beautiful. I care deeply about the quality of my work.

SPECIFIC ACCOMPLISHMENTS

Built a custom algorithm to search a geographical database of over 400,000 properties nationwide, tailored to students and tuned to maximize conversion rates.

Built an Android app providing live restaurant menu updates to consumers and collecting usage and engagement statistics for the owners.

Hosted a 24-hour live-streamed game dev fundraiser for Children's Hospital Oakland.

In college, helped struggling computer science students in one-on-one tutoring workshops.

Planned and carried out "Hour of Code" sessions for middle school students interested in computer science.

Participated in hackathons and game jams, acquiring new skills within hours and applying them immediately.

LANGUAGES

Java, C#, Ruby/Rails, JavaScript, Python, PHP, HTML/CSS

TECHNOLOGIES

Git, Linux Shell, Eclipse, Android SDK, Unity 3D, AWS,

Node.js/Express, MongoDB, SQL, Bootstrap,

Google Maps API, Regular Expressions

WORK HISTORY

JANUARY 2016 — PRESENT

CampusCribz
Full Stack Developer

Worked on virtually all aspects of the site, building a new sublet feature, map search algorithm, chat feature, and moving the database to a new geographical model. Located and acted on numerous critical issues throughout the site. Re-architected much of the codebase to better adapt to future change.

JUNE 2014 — DECEMBER 2015

Freelance Software Engineer

Web and Android development work for multiple clients in various capacities, sometimes working alone, sometimes contracted by existing teams to solve challenges they were facing.

AUGUST 2012 — MAY 2014

Cabrillo College
Full-Time Student

Studied Software Engineering, teaching myself extra on the side, working part-time, and tutoring other students.

AUGUST 2012 — SEPTEMBER 2013

St. Joseph's Church
Editor/Sys-Admin/Receptionist

Edited publications, managed the IT and website, and worked in reception. As receptionist, often helped people with serious problems (e.g. they were homeless, in debt, grieving, even suicidal). Remained calm, caring, and professional under stress.

2009 — 2013

Part Time Field Assistant

Performed biological field measurements and landscape architecture site analysis.

References provided upon request.

