

David Garry

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WORK EXPERIENCE

Google

Software Engineer

Mountain View, CA

Jun 2019 – Present

- Created dynamic full-stack features in Java & AngularDart, generating millions in revenue per month
- Developed the core front-end for the Google Ads Codeless Conversions tool in TypeScript, Dart & Java
- Created core pieces of the Overview collapsed mode, a new way for small advertisers to view their data
- Hosted an intern in summer 2020, conducted hiring interviews, and did hundreds of readability reviews
- Supported high availability of Google Ads with on-call, pushmaster, buildcop and other team duties

Software Engineering Intern

May 2018 – Aug 2018

- Built full-stack interactive demographics visualization for Google Ads Overview in Java & AngularDart

Honey Science (acquired by PayPal)

Software Engineering Intern

Los Angeles, CA

Jan 2019 – Apr 2019

- Built an automatically updating cache for the Honey Chrome extension using NodeJS, SQL & GraphQL
- Created a cron job to periodically update Google Spanner tables in order to optimize query times
- Fixed numerous bugs across the stack in JavaScript, CoffeeScript & ReactJS/Redux

Raytheon

Software Engineering Intern

Tucson, AZ

May 2017 – Aug 2017

- Architected and implemented RESTful APIs using Node.js, connecting to MySQL & SQLite databases
- Coded the frontend & backend of Raytheon's internal product catalog using Bootstrap, jQuery & AJAX
- Developed file parsers in C++ & JavaScript to convert custom file formats to JSON, XML, WKT & SVG
- Enhanced software controls for Raytheon's virtual reality presentation toolkit using C++ & JavaScript

University of Southern California

Head Teaching Assistant, Intro to Java Programming

Los Angeles, CA

Aug 2016 – Dec 2018

- Led team of teaching assistants, who supplemented class and graded assignments, labs and exams

KKBox

Product Development Intern

Taipei, Taiwan

Jun 2016 – Aug 2016

- Produced prototypes for a user QR code scanning feature using Pixate, and collected user feedback

DashBid Media

Ad Operations Intern

New York, NY

May 2014 – Aug 2015

- Increased annual revenue by a projected \$100,000 by updating ad-performance testing procedures
- Earned employee of the month by coding optimization software in Java to automate core processes

EDUCATION

University of Southern California

B.S. Computer Science & Business Administration

May 2019

GPA: 3.69/4

Honors: Trustee Full-Tuition 4-Year Scholarship, Gilman Scholarship, Leonard Shoninger Scholarship, National Academy of Engineering Grand Challenges Scholar

SKILLS & INTERESTS

Languages: Java, HTML, CSS, Dart, TypeScript, JavaScript, C++, SQL, Python, PHP (Most to Least Proficient)

Interests: Minimalism, Volleyball, Photography, Tea/Boba, Finance, Arbitrage, Planetariums, Travel