

# David Garry

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## WORK EXPERIENCE

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- Google** – Software Engineer, *Mountain View, CA* Jun 2019 – Present
- Create features for and support maintenance of the Google Ads homepage, shown millions of times daily
- Honey** (*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
- Google** – Software Engineering Intern, *Mountain View, CA* May 2018 – Aug 2018
- Built dynamic & interactive data visualizations for the Google Ads homepage in AngularDart
  - Created new backend producer module nodes in Java to procure and format the data for visualizations
  - Added numerous tests to ensure correctness of code, and fixed multiple existing UI bugs
- 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
- USC** – 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
  - Presented findings of market research and prototype feedback in monthly product development meeting
- 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

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**University of Southern California** May 2019  
B.S. Computer Science & Business Administration GPA: 3.69/4

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

## PERSONAL PROJECTS

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- Background Image for Google Docs & Slides – Chrome Extension**, *chrome.dgarry.com* May 2018
- Built a Chrome extension with 3,000+ weekly active users and 5/5 rating on the Google Chrome store
- Simple Ticker – Cryptocurrency Dashboard**, *simpleticker.com* Jan 2018
- Published a mobile-first website displaying live cryptocurrency prices & charts on the GDAX exchange

## SKILLS & INTERESTS

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

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