

# David Garry

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## EDUCATION

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**University of Southern California, Viterbi School of Engineering** May 2019  
B.S. Computer Science & Business Administration Total GPA: 3.70/4

**University of Edinburgh** May 2018  
Semester Study Abroad, Business & Informatics (converted) Total GPA: 3.90/4

**Honors:** Trustee Full-Tuition Scholarship, Gilman Scholarship, Leonard Shoninger Scholarship

## WORK EXPERIENCE

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**Honey** – Software Engineering Intern, *Los Angeles, CA* Jan 2019 – Apr 2019  
• Will be joining as a spring semester intern, working on features to help users save money shopping online

**USC** – Head Teaching Assistant, Intro to Java Programming, *Los Angeles, CA* Aug 2016 – Dec 2018  
• Lead the team of teaching assistants, supplementing class instruction and grading all labs and exams  
• Created assignments to relay object-oriented programming ideas and fundamentals through Java

**Google** – Software Engineering Intern, *Mountain View, CA* May 2018 – Aug 2018  
• Built data visualizations for the Google Ads homepage in AngularDart, shown millions of times daily  
• Created new backend producer module nodes in Java to procure and format the data for the visualizations  
• Added numerous tests to ensure the correctness of my 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 and 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

**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

## PERSONAL PROJECTS

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**Background Image for Google Docs & Slides** – Chrome Extension, *chrome.dgarry.com* Mar 2018 – May 2018  
• Built a Chrome extension injecting HD backgrounds from entered keywords into Google Drive editor panes  
• 1,300+ 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** (Most to Least Proficient): Java, HTML, CSS, JavaScript, C++, Dart, Python, PHP, SQL, MATLAB

**Interests:** Mason Jars, Volleyball, Mountain Biking, Photography, Tea/Boba, Finance, Powerlifting, Planetariums

**Organizations:** SpectrumSC & QuEST (LGBT Professionals), LATCH, Student Government, Trojan Barbell Club