Daniel Choi

Bachelor of Computer Science, 4th year
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Core Technical Skills

Languages: Scala, JavaScript, TypeScript, Java, C++, Matlab
Web: React, Angular 2, Node, RxJS, HTML, CSS, LESS
Tools & Frameworks: Git, Mercurial, ScalaTest, IntelliJ IDEA, Jenkins CI, Sumologic, Xcode, SQL, MongoDB

Relevant Experience

- **Hootsuite** – Software developer co-op   *May 2017 – Aug 2017*
    - Built and released React components, including a navigation menu that receives >50k clicks daily
    - Contributed new features to Scala microservices that were critical to winning multi-million dollar deals
    - Added social media integrations using the LinkedIn and Facebook APIs
    - Monitored and diagnosed problems in legacy back-end services and the continuous integration pipeline

- **University of British Columbia** – Computer science teaching assistant   *Sep 2015 – Apr 2017*
    - Taught labs and office hours with topics ranging from software design and implementation to logic proofs and models of computer systems

- **Visier** – Software developer co-op   *May 2016 – Dec 2016*
    - Used TypeScript, Angular 2 and Scala to deliver new features for Visier's business analytics and data visualization platform
    - Shipped over 30 features and more than 25 bug fixes, working on both the front- and back-end
    - Delivered feature demos, performed code reviews, and gained HR industry knowledge

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Technical Projects

- **Sudoku-vision**   **Personal project**
  C++, OpenCV   *Aug 2016*
    - Created an augmented reality application that reads, solves and displays the answer to sudoku puzzles in real-time when the user holds them up to the webcam

- **Kiki's Delivery Service**   **Course project**
  Java, JDBC, MySQL   *Jan 2016 – May 2016*
    - Designed and implemented a relational database application that models a parcel delivery service

- **Collab-A-Comic!**   **Course project**
  JavaScript, Jade, Node JS, MongoDB, Express   *Jan 2016 – May 2016*
    - Responsible for full-stack development of a collaborative comic book web application
    - Elaborated user requirements, data models, architecture, and UI

- **Study Buddy**   **nwHacks Hackathon**
  Django, Python, JavaScript, CSS   *Feb 2016*
    - Made a web app that lets students organize study sessions with other students nearby
    - Implemented frontend with JavaScript and CSS, integrated Google Maps, made UI design

- **Mind the Gap**   **Course project**
  Java, Android Studio, Transport for London Unified API   *Jul – Aug 2015*
    - Built an Android transit app that uses the Transport for London API to display real-time arrivals and station data on a map of the city
    - Implemented JSON parser, utilized user geolocation, implemented map overlays for stations and railways, wrote JUnit tests for every method

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Education

- **University of British Columbia**   **Vancouver, BC**
  Bachelor of Computer Science, second degree program   *May 2015 – May 2018 (exptected)*
  Bachelor of Science with Distinction, Integrated Sciences   *Sep. 2010 – May 2015*