Daniel Choi

Software Engineer

1-(206)-880-4697 • cys920622@gmail.com

linkedin.com/in/danielychoi • https://cys920622.github.io • github.com/cys920622 •

Core Technical Skills

Languages: C#, Scala, JavaScript, TypeScript, Java, C++
Web: React, Angular 2, Node, RxJS, HTML, CSS
Tools & Frameworks: Azure, Azure DevOps, Git, Mercurial, SQL, NoSQL

Relevant Experience

- **Microsoft** – Software Engineer   *Aug 2018 – Present*
  - Responsible for automating operational tasks previously performed by vendor staff, reducing team's costs and enabling scalable product development
  - Automated maintenance of build agent pools, providing a more secure and reliable build environment for customers and saving over 40 hours of vendor spend per month
  - Built full automation pipeline for weekly internal feature deployment
  - Performed on-call rotations to quickly resolve problems in production and communicate with customers to ensure their success

- **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

---

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

Education

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