

# MINKYEONG KIM

arden.ischool@gmail.com • 206-471-4712 • Junior at University of Washington • **Full-Stack Developer**  
[linkedin.com/in/ardenkim](https://www.linkedin.com/in/ardenkim) • [bit.ly/ardenkim](https://bit.ly/ardenkim) • [github.com/ardenkim](https://github.com/ardenkim)

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## Education

University of Washington - Seattle

**Bachelor of Informatics**, Expected June 2018  
Dean's List (Winter 2015 - present)  
Cumulative GPA: 3.71

## Relevant Coursework

- Data Structure and Algorithm
- Software Architecture
- System and Software Tools
- Android Development
- Client-side Web Development
- Server-side Web Development
- Computer Programming I
- Computer Programming II
- Relational Database Management System
- Advanced Database Design, Management, and Maintenance

## Technical Skills

- **Languages:** Java, SQL, JavaScript, Go, PHP, Python, TypeScript, HTML, CSS
- **Technologies:** Linux, Git, Node, jQuery, React JS, Docker, MongoDB

## Projects

### Software Programming

**The Resistance**, *A program to help people with social organizations* January 2017 - March 2017

- Architected a Node-based command-line program in TypeScript utilizing an Object-Oriented programming paradigm.
- Integrated 3-tier Architecture and Client-Server Architecture design patterns into applications.
- It tracks of movements, protests, and protesters and generates reports to help connect people to local actions.

### Software & Web Programming

**Simple CAD**, *A simple Computer-Aided Design / Drafting program* February 2017

- Developed TypeScript-based web applications following the Model-View-Controller architectural pattern in TypeScript, HTML, and CSS.
- In a web browser, users are able to dynamically adjust the model by creating and manipulating primitive shapes in different interactive views: graphical and textual.

### Database Design & Web Programming

**El Rescate**, *A non-governmental organization that works toward the empowerment of immigrants* January 2017 - March 2017

- Conceived, diagrammed, coded and populated an original database to Third-Normal Form (3NF) using MS SQL Server.
- Created Synthetic transactions/test wrappers around original production stored procedures to validate throughput volume of 100,000+ INSERTs.
- Developed a web user-interface that calls stored procedures for online data entry and reports in HTML and Node.js.

### Android Mobile App

**Feast**, *A SMS-based application to create a poll and update the poll from SMS replies* May 2016 – June 2016

- Led a group of 4 student developers in the design and development of Java-based Android mobile application in Java and XML using Android Studio.
- Harnessed Google Gson library to manage data and Android telephony classes to send, receive, and parse SMS messages.

## Activities

- **Dean's List** (7 quarters, January 2015 – Present)
- **Founder & Treasurer**, SUDO: Student User Development Organization (January 2017 – Present)
- **Officer**, KSU & KSA Tennis club (March 2015 – Present)