

# Min Woo Kim

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## EDUCATION

### UNIVERSITY OF VIRGINIA | CHARLOTTESVILLE, VA

B.S., Computer Science | May 2022

GPA: 3.66/4.0 | Major: 3.87/4.0

## EXPERIENCE

### VIASAT | SOFTWARE DEVELOPMENT INTERN

May 2021 – Aug. 2021 | Carlsbad, CA (Remote)

- Contributed to a full-stack web-app for the infrastructures team. Created strong foundation client-sided single page web-app from scratch using Node.js, Vue, TypeScript, Vuex, TailwindCSS, vCMDB API, fission.io, and Kubernetes
- Automated the building, testing, and deploying of the app using GitHub Actions for CI/CD. Created robust unit and end-to-end tests using jest and cypress.io respectively, to be passed every build. Deployed the package to the server using Docker and Kubernetes after successful pass of test
- Integrated Viasat's OIDC services for secured access to the app, allowing internal customer's only and under corporate VPN
- Created vCMDB services section for internal customers, providing easy-to-use user-interface for put and get requests to vCMDB, which was only done in console in the past
- Resulted in customers being able to make requests to vCMDB themselves rather than a support ticket to the infrastructures team, a massive improvement in time to obtain the information needed to continue automation for the team

### UNIVERSITY OF VIRGINIA | CS3240 TEACHING ASSISTANT

Jan. 2021 – Present | Charlottesville, VA

- Organizing sprints as the scrum-master for three teams using agile methods
- Grading assignments, quizzes, and tests. Answering questions related to Django, python, and Bootstrap during office hours and/or on piazza

## PROJECTS

### PIXELS FOR HUMANITY | FEB. 2021 - MAY 2021

PHP, MySQL, JavaScript, HTML/CSS

- Created databases project with security and user experience in mind
- Implemented the canvas idea where user can choose the charity and donate \$1 per pixel to change its color anywhere on a 20x20 pixel canvas
- Integrated management panel where users can manage past donations, give/manage feed-backs to developers, and request/manage new charity

### VIRTUAL STUDY BUDDY FINDER | AUG. 2020 - DEC. 2020

Django, Python, Bootstrap, PostgreSQL, Heroku, TravisCI

- Organized CS3240 group project using agile methods, took role of a DevOp
- Integrated Google OAuth to get data from user's profile as login
- Implemented a meeting system where students set up to meet with other students to study with amidst the pandemic through zoom
- Integrated zoom API to auto generate zoom meeting room links

### 177147 (JAVA GAME) | Nov. 2020 - JAN. 2021

Java, JPanel, Eclipse

- Programmed the Logic and the UI, similar to the game 2048
- Played with arrow keys to combine tiles to reach 177147 starting with 3s

## SKILLS

### EXPERIENCED

C/C++ • TypeScript • React • Express  
Axios • Kubernetes • Fission.io • AWS  
Ajax • Jest • Cypress.io • MySQL • JSON  
Selenium • Bootstrap • TailwindCSS  
Docker • Jenkins

### PROFICIENT

Python • Java • JavaScript • PHP • Vue  
Vuex • Django • Node.js • HTML/CSS  
Git (Source Control)

### OTHER TOOLS

TravisCI • GitHub Actions • gdb/lldb  
Figma • Heroku





## COURSEWORK

- Algorithms
- Cloud Computing
- Operating Systems
- Advanced Software Development
- Software Testing
- Web Programming Language
- Database Systems
- Computer Architecture
- Program and Data Representation
- Theory of Computation
- Intro to Cybersecurity
- Software Development Methods
- Digital Logic Design
- Discrete Mathematics

## LINKS

-  oownimik.com
-  github.com/minportant
-  linkedin.com/in/oownimik
-  facebook.com/oownimik

## CONTACT

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