

# HAEJU JEONG

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## EDUCATION

**University of Southern California, Viterbi School of Engineering**

**Los Angeles, CA**

*B.S. in Computer Science*

*Expected May 2022*

*W.V.T Rusch Honors Program - Innovation Track*

**GPA: 3.65**

**Relevant Coursework:** Principles of Software Development, Data Structures and Object-Oriented Design, Discrete Methods in Computer Science, Web Publishing, Computer Systems, Linear Algebra

## SKILLS AND AWARDS

**Coding:** Java, C++, Javascript, Node.js, React.js, MongoDB, HTML/CSS, AWS, Agile, Git

**Awards:** KSEA Scholar (2020) Korean Honors Scholar (2019), KASF Scholar (2018-19), Kimbo Scholar (2018-2019), Dean's List (2018-20), Viterbi Entrepreneurship Winner (2018) Questbridge Finalist (2018)

## WORK EXPERIENCE AND LEADERSHIP

**Apptio**

**Bellevue, WA**

*Software Development Engineer Intern*

*May 2020 - August 2020*

- Integrated AWS CodeGuru to automate testing improving speed by 20% on customer data testing
- Increased accessibility to AWS services by developing internal API in Java to fire AWS services
- Strengthened internal/external AWS API coverage by 35% by implementing unit and functional tests

**USC Integrated Media Systems Center**

**Los Angeles, CA**

*Undergraduate Researcher*

*September 2019 - Present*

- Utilize React.js/Node.js to update sensor pages and dashboard resulting in improved data visualization
- Use MongoDB and PostgreSQL to store/query sensor data and locate trends on LA traffic-related events
- Work in Agile environment and gain experience working in team-based setting through scrums and Git

**USC Questbridge Scholars**

**Los Angeles, CA**

*Web Developer*

*August 2018 - Present*

- Develop website for chapter resources resulting in a designated hub for information and resources
- Distribute 120 files of study material stored on MongoDB increasing academic resources for members
- Lead community of low-income first-gen students to bridge the gap between class and higher education

## PROJECTS

**shimBot**

**Falls Church, VA**

*Software Developer*

*July 2020 - Present*

- Develop CLI sneaker bot with Puppeteer scripts/Node.js automating checkout process for websites
- Decrease checkout times by 70% for supported websites maximizing success rates across 20 users
- Integrate 2captcha API to bypass bot protection allowing multiple tasks to be run on a single machine

**TrojanKicks**

**Falls Church, VA**

*Software Developer*

*July 2019 - Present*

- Generate over \$2000 in sales through developing online dynamic web store for shoes with MERN stack
- Store product and sales data utilizing MongoDB Atlas cloud database to organize profits and inventory
- Increase payment security by incorporating Paypal API to ensure safe transactions and data management

**enSure**

**Stanford, CA**

*Software Developer*

*February 2019 - March 2019*

- Developed mobile Android app with Java that checks user's location to ensure safe arrival home
- Used Android Studio and ArcGIS mapping APIs to provide accurate/real-time location updates
- Implemented safety system that contacts users' emergency contacts if user leaves predetermined safe area