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, Introduction to Programming, 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 Cost Transparency to automate performance testing on customer data
- Developed internal API in Java to fire AWS services to increase accessibility to AWS CodeGuru profiling
- Implemented over 10 unit and functional tests for performance testing and internal/external API handling

USC Integrated Media Systems Center   **Los Angeles, CA**
Undergraduate Researcher   *September 2019 - Present*
- Utilize React.js/Node.js to develop dashboard and sensor map pages for traffic prediction web app
- Use MongoDB and PostgreSQL to store and query sensor data on Los Angeles traffic-related events
- Attend weekly meetings and work closely with laboratory team to predict traffic in Los Angeles

USC Questbridge Scholars   **Los Angeles, CA**
Web Developer   *August 2018 - Present*
- Develop website for local chapter to provide a center for resources and information for members
- Lead community of low-income, first-generation students through informational and interactive events
- Manage and distribute Fall 2019 and Spring 2020 semester budget of $5,000 for over 600 members

PROJECTS

shimBot   **Falls Church, VA**
Software Developer   *July 2020 - Present*
- Develop CLI sneaker bot with Puppeteer scripts/Node.js to automate checkout process for websites
- Decrease checkout times by 70% for supported websites to maximize success rates across 20 users
- Integrate 2captcha API to bypass bot protection and allow 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
- Utilize MongoDB Atlas cloud database to store content of customer information and product data
- Incorporate Paypal API to ensure safe transactions and secure management of sensitive information

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 to develop app and ArcGIS mapping APIs to track users and provide mapping
- Implemented system that contacts users' emergency contacts if user leaves predetermined safe area