John (Hwan) Kim

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EDUCATION

Fulton Schools of Engineering – ASU   **Tempe, AZ**
Bachelor of Science in Computer Science (Junior)   *Class of 2022*
- Cumulative GPA: 3.66; Major GPA: 3.82
- Dean's List Spring 2019
- New American University Scholar - President's Award
  Merit Scholarship for High SAT and GPA, covers full tuition
- Relevant Coursework: Data structures and Algorithms, Assembly Language, Calculus 3, Applied Linear Algebra, Web Design and Development, Probability and Statistics for Engineering

WP Carey Business School - ASU   **Tempe, AZ**
Business Minor (Junior)   *Class of 2022*
- Minor GPA: 4.0
- Attended Study Abroad business and finance program at the University of Manchester

SKILL SET

*Languages with Experience***:** Java, Python, C++, HTML, CSS
Frameworks/Skills: Selenium, AWS, Git

WORK EXPERIENCE

Arizona State University   **Tempe, AZ**
Lifeguard   *May 2019-January 2020*
- Ensured patron's safety in and around pool area
- Worked with team members to create the optimal customer experience at ASU facilities
- Regularly trained to respond to emergency situations

CERTIFICATIONS

- AWS Certified Solutions Architect Associate
- AWS Certified Developer Associate
- AWS Certified Cloud Practitioner

PERSONAL PROJECTS

Buy and Sell Web Scraper
Python, Selenium
- Uses selenium tools and Selenium chromedriver to create a web scraper that tracks used items for sale online
- Automatically emails user when items with specific parameters are found as well as automatically posting personal items to craigslist and eBay

Reddit r/wallstreetbets DD analyzer
Python, Reddit PRAW, Alpha Vantage API
- Uses Reddit's PRAW API to access a social media group dedicated to risky investing and collects posts with the header DD or "Due Diligence". These posts are by users predicting future market activity
- Looks for stock tickers and names in post title using NTLK library and list of stock names/tickers and VADER-analysis library to analyze the sentiment of the body of post
- Compares stock price after the date of posting with Alpaca API to check whether analysis was correct

COVID on the Block (https://github.com/thydo/COVID-on-The-Block)
HTML, CSS, Python
- Website that aggregates resources on Coronavirus related aid for Maricopa county
- Uses google forms and sheets to gather user entered coronavirus resources and regularly updates map using AWS Lambda, CloudFormation, and python