

# Rachael Jeon

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## Education

University at Buffalo, *The State University of New York*

Expected: December 2022

Bachelor of Science, Computer Science (Minor: Philosophy)

**Software:** Python, JavaScript, PHP, HTML, CSS, C, OCaml, Scala, SQL

**Technologies:** React.js, Vue.js, Git, Github, Gitlab, VSCode, Flask, Django, Bootstrap

**Languages:** Native in English, Native in Korean

## Relevant Experience

*Software Engineer Intern, M&T Bank*

Summer 2021

- Designed and developed a cybersecurity audit application for one of M&T's teams for fixing bugs, improving and enhancing key features for the front end development in an agile work environment
- Utilized mainly Vue.js and was exposed to Node.js, Salesforce, Gitlab, JIRA, and Confluence
- Took first place in final presentation competition to showcase project demo to higher representatives
- Presented progress in daily stand-up meetings to a team of 12 and received feedback for future tasks

*Intern, Bovay Lab at Cornell University*

Summer 2017

- Worked in an engineering laboratory with a professor and team to help in the process of finding an ideal pipe that will endure harsh environments
- Collected records of data on an Excel spreadsheet to create statistical graphs used for data analysis

*CSE Mentor, UB CSE Peer Mentorship Program*

Fall 2022

- Provided a support system for two incoming CSE freshmen to help transition to college in the first semester
- Communicated and checked in weekly on matters of academic and social adjustments via Discord and email

## Leadership Experience

*Marketing Chair, Asian American Student Union (AASU)*

2019-2020

- Coordinated event posters with designing and broadcasting on social platforms and across campus
- Created weekly meeting presentations and presented to an audience of 30 to 50 students
- Supervised the club's calendar of weekly club activities and events to comply with the deadlines

## Projects

**Wordle Web Application** | Javascript, React.js, HTML, CSS, Python, PHP, MySQL, Bootstrap

Spring 2022

- Created a web application that allows users to play Wordle games based on randomly generated 5 letter words and compete with players with a display of total points earned on the leaderboard
- Enables users to register and log in with credentials to create accounts with the functionality to change passwords and customize profiles

**Twitter Bot** | Python, HTML, CSS

Summer 2020

- Implemented a Twitter chatbot that gathers data by web scraping from different Twitter accounts and uses Artificial Intelligence (AI) to formulate readable sentences to output

**Personal Website** | Python, HTML, CSS

Summer 2021

- Created a dynamic personal website that showcases ongoing web development projects on a gallery style page with clickable links and implemented user management that allows exchanging emails with users

## Awards

- **Donna M. Taylor Computer Science Engineering Undergraduate Scholarship** - Awarded \$1400 from the University at Buffalo School of Engineering and Applied Sciences for qualifying GPA requirement with a written essay explaining achievements and accomplishments as an undergraduate student
- **Mary A. Osborne Trust Fund** - Awarded \$1000 from the University at Buffalo for excellence in good academic standing

## Activities

- Association of Computing Machinery, DivTech, Alpha Phi Omega (APO), Women in Science and Engineering (WiSE), Society of Women Engineers (SWE), SPARK: Fellowships and Scholarships Development Program