

Tommy Bui Nguyen

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EDUCATION

Drexel University, Pennoni Honors College

Bachelor of Science in Computer Science, Minor in Mathematics

GPA: 3.95, Dean's List

Anticipated Graduation: June 2023

Philadelphia, PA

SKILLS

Programming Languages: Python, C#, Java, Bash, C

Tools: Git, Visual Studio Code, Amazon Web Services, Docker, Github Actions, Tableau

Web Development: HTML, CSS, JavaScript, React.js, Next.js, WordPress

WORK EXPERIENCE

Sharing Excess, Philadelphia, PA

September 2020 - March 2021

Lead Software Engineer

- Maintained Python-Flask application which supports logistics for food rescue in the city
- Lead technology migration to Google Firebase and **React** application for faster feature development speed, increased reliability, and increased support for future scaling
- Communicated business requirements and coordinated development efforts between 6 Junior Software Engineers and end-clients

Rise First, Philadelphia, PA

June 2020 - August 2020

Web Developer Fellow

- **Developed web pages** and migrated content from SquareSpace site to private repo using **NodeJS**, Express, and Bootstrap
- Optimized pages and content for increased Search Engine Rankings and accessibility
- Closely collaborated with marketing and content teams to ensure that features delivered satisfied end-user expectations

Randstad (Vanguard Assignment), Malvern, PA

September 2019 - March 2020

IT Developer Intern

- Designed and developed automated processes using Blue Prism, Python, and AWS Lambda to save over 50 hours of manual work per month
- Deployed and documented 2 automated processes into production using CI/CD tools
- Assisted Data Scientists with data cleaning and building data pipelines

Drexel Wireless System Laboratory, Philadelphia, PA

April 2019 - August 2019

Research Assistant

- Built and deployed Flask API on Docker to access information from Software Defined Radios
- Designed and developed Augmented Reality (AR) mobile app using Vuforia and Unity to visualize data transmission from Software Defined Radios

Illinois Math and Science Academy Writing Center, Aurora, IL

August 2015 - June 2018

Writing Tutor

- Tutored over 100 unique students to improve clarity, grammar, and argumentation within their writing
- Provided over 200 hours of real-time feedback within the Writing Center to provide urgent revisions to student essays within the fields of academic articles, resumes, literature, history, and college essays

AWARDS & ACTIVITIES

SASE Scholarship (Lockheed Martin Sponsored): (September 2020)

Students Tackling Advanced Research (STAR) Scholars Program: (June 2019 - August 2019)

College of Computing and Informatics: Peer Mentor (September 2019 – September 2020)

Society of Asian Scientists Engineers (SASE): Webmaster (September 2018 – November 2020)

National Kikkoman Scholarship Recipient: (July 2017 - August 2017)

- Study abroad in Japan