

# Tommy Bui Nguyen

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## EDUCATION

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**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

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**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

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**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

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**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