

Minh-Anh Phan

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Looking for a **full-time recent graduate position** in **software engineering** starting in July 2022

EDUCATION

Bucknell University, College of Engineering Lewisburg, PA
Bachelor of Science in Computer Engineering, Minor in Mathematics May 2022
GPA: 3.96 | Honors: Student Representative for Electrical & Computer Engineering Department, Dean's List
Achievements/ Contests:

- CodePath Certificate for Technical Interview Course – Advanced Track (Jun - Aug, 2021)
- Grace Hopper Scholar (**GHC**) 2021
- Mathematical Contest in Modeling (**MCM**) 2020
- International Collegiate Programming Contest (**ICPC**) Regional 2019

PROFESSIONAL EXPERIENCE

Technical Intern - Harassment & Assault Reporting Platform (Non-profit) May 2021 – Aug 2021

View Project: <https://github.com/MinhAnh2806/harpProject2021>

- Built a Python web scraper using New York Times API and pandas to analyze Asian-Americans hate crimes
- Restructured the website elements and implemented features to support a smoother user experience

Undergraduate Research Assistant - Bucknell University Mar 2019 – Dec 2019

- Improved Java code readability of an environmental awareness application adopted by the greater community
- Synthesized user and partner feedback to push new geofencing capabilities to production level Android app
- Presented the application at the Bucknell Symposium to both technical and non-technical audiences

PROJECTS

Owner and Contributor - Personal Website May 2021 – Current

View Project: <https://minhanh2806.github.io/>

- Configured an existing portfolio website to showcase personal projects via HTML and Markdown files
- Ideated and executed content on the website and social media platforms

Scrum Master & Core Contributor - Mastermind Game Class Project | Team of 4 Oct 2020 – Dec 2020

- Built and designed the logic for a functioning Mastermind game in Java based on MVC design pattern
- Directed the team Scrum process, including standup meetings, Sprint planning, and review
- Collaborated with the product owner to develop the product backlog and prioritize features with a task-accomplishment rate of 90%

Team Leader - Chicago Crimes Class Project | Team of 3 Nov 2019 – Dec 2019

- Researched and presented on the societal impact of technology decisions on marginalized groups
- Visualized a dataset with 400,000 entries of crime data as an AVL tree structure using Bridges API
- Devised Python algorithms to determine dispatch and police stations' location that account for social factors

SKILLS

Technical Skills: Proficient in Python and Java, Pycharm and IntelliJ, Git/ Github

Languages: Vietnamese (Native), English (Fluent), Chinese (Intermediate)

LEADERSHIP & INVOLVEMENT

Engineering Student Board Member - Bucknell College of Engineering Sep 2018 – Current

Community Outreach Coordinator, Mentor, Advocate - Bucknell Residential Colleges Aug 2020 – Current

Event Manager - Bucknell 7th Street Studio Aug 2021 – Current