George Hattle

336-979-8766 | gehattle@unc.edu | linkedin.com/in/edmund-h | github.com/dawdty

EDUCATION

University of North Carolina at Chapel Hill Chapel Hill, NC

Bachelor of Science in Computer Science, Bachelor of Arts in Asian Studies *Aug. 2023 – May 2027*

GPA: 3.85

- Coursework: Introduction to Programming, Data Structures and Algorithms, Systems Fundamentals, Linear Algebra, Discrete Mathematics

EXPERIENCE

Product Management + Software Development Intern Jun. 2023 – Jan. 2024

Empowerly *Remote*

- Automated parsing and aggregation of 1000 PDFs/year to React framework saving 200+ hrs of labor
- Led the development and implementation of front-end user interfaces for seamless customer data uploads, utilizing React and Node.js to enhance user experience and ensure efficient data handling
- Managed and executed QA requests, identifying and reporting bugs, ensuring product features met functional and performance standards before release
- Facilitated cross-department meetings to gather feedback, aggregate suggestions, and communicate timelines for website features and functionalities

Research Intern Jun. 2021 – May 2022

Bandodkar Lab, North Carolina State University *Raleigh, NC*

- Prototyped expertise cost-effective, battery-free lactase concentration sensors, aimed at improving chronic wound prevention and rehabilitation to enhance positive patient outcome rates in CAD and Fusion 360
- Conducted manufacturing of ergonomic skin-interfaced circuit boards using photolithography

PROJECTS

HOPE: Drive | *Python, Flask, HTML/CSS* Jun. 2024 – Present

- Developing an open-source web platform for non-profit and service organization administrators to remotely assign food delivery and donation routes to volunteers through the Google Maps API, utilizing Flask for the backend and PureCSS for lightweight, user-friendly front-end

Momo Ashi NC Training App | *Python, Flask, HTML/CSS* Jun. 2022 – Sep. 2022

- Reduced training period by 25% using lightweight Python web application for new employees
- Accelerated drink combination and cooking process memorization using active recall and spaced repetition algorithms

LEADERSHIP & AWARDS

First Year Representative | *Asian American Students Association*

- 1 of 40+ applicants chosen to serve on the executive board of the largest cultural club at UNC
- Organized and hosted 12 events and activities per semester with attendance of 800+

Director of IT, Residential Life Assistant | *North Carolina School of Science and Mathematics*

- Led a residence hall of 40 students; organized events & activities, enforced sanitation, bed-check
- Built counseling and mental health website with 1500+ unique visitors, served as IT liaison for 650+ students

Awards: *Philips Ambassador Award ($6,000), Foreign Language Area Studies Grant ($8,500), NSLI-Y ($10,000)*

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, HTML/CSS, Lua, R
Frameworks: React, Node.js, Flask
Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy, Matplotlib, urllib