NOM PHAN

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EDUCATION

Drexel University   **Philadelphia, PA**

Bachelor of Science in Computer Engineering · **GPA: 3.74/4.00**   *Expected: Jun. 2023*

Minor in Data Science · **GPA: 4.00/4.00**

SKILLS

Programming Languages: Python, JavaScript,Typescript, C#, Go, HTML, CSS, SQL

Tools & Frameworks: React.js, React Native, .NET, Firebase, Node.js, Figma, Git, Agile, Jira, Notion, Confluence

EXPERIENCE

Bloomberg (Senior Design Project)   **Philadelphia, PA**

Software Engineer Contractor   *Sep. 2022 - Present*

- Engineer software system that handles creation of vLEIs for Bloomberg's partners over 200+ countries (**Miro, Figma**)
- Integrate back-end system with web app that collects required information for vLEIs generation (**Python, React.js**)
- Deploy vLEIs purchasing flow on Bloomberg's terminal within 9 months, increase profit margin to 20% (**Stripe**)

Coinbase   **San Francisco, CA**

Full-Stack Engineer Intern   *Jun. 2022 - Sep. 2022*

- Contributed 10 new components to internal design system for 1000+ developers to build web pages (**TypeScript, React.js**)
- Maintained microservices that support free and instant trading between 50+ cryptocurrencies (**Go**)
- Delivered 3+ features for Coinbase Advanced Trading users within 3 months, increase retention rate to 20% (**DataDog**)

Susquehanna International Group (SIG)   **Bala Cynwyd, PA**

Full-Stack Engineer Co-op   *Sep. 2021 - Mar. 2022*

- Developed microservices that handle trading business logics for 30 offices to verify 10000+ trading records (**C#, .NET**)
- Implemented multi-threaded programming to store 3000+ XML files of trading histories to SQL database, reducing 25% loading time of internal web app
- Built web pages for querying clearing records and futures orders used by 30+ internal traders (**C#, ASP.NET**)

Sharing Excess Inc   **Philadelphia , PA**

Front-end Engineer & Project Manager Co-op   *Sep. 2020 - Sep. 2021*

- Led the development of delivery app that monitored of 4+ million pounds of leftover food (**JavaScript, React.js, Firebase**)
- Managed team of 3 interns to develop 15+ features that scale web app to 5+ campuses in Pennsylvania (**Jira, Notion**)
- Delivered **Squarespace** website with $400 budget within 6 months, growing 30% the number of new volunteer drivers

PROJECTS

Mock&Roll Interview Platform • Most Creative Hack - Philly Codefest   *Apr. 2023*

- Coded interview platform to help technical interview prep by tone and facial analysis (**React.js, Typescript, OpenAI**)

DeepSign Game • 1st Place Overall and Best Social Good Hack - Drexel DragonsHack   *Apr. 2021*

- Programmed endless game that teaches 26 American Sign Language (ASL) alphabets (**Unity, C#**)
- Established UDP connection to process 29 hand gesture outputs from image classification model (**Python, OpenCV**)

Reinforcement Learning Web App • Stanford TreeHacks   *Feb. 2021*

- Built web app for creating, training, and analyzing 3 reinforcement learning models (**React.js, Typescript, D3.js**)
- Integrated algorithm outputs (DQN, DDQN, REINFORCE) to render cart-pole balancing animation (**Python, Vanilla JS**)

LEADERSHIP & AWARDS

Drexel Institute of Electrical and Electronics Engineers (IEEE) • President   *Jun. 2021 - Present*

- Direct organization of 25+ officers to host 20+ social gatherings and technical workshops for 500+ members annually
- Oversee committee of 10 members to organize DragonHacks for 200+ participants with the total grand prizes of $10,000
- Received $6000 IEEE Leadership Scholarship as a racially diverse college student that contributes to IEEE organization

Most Creative Hack • Philly Codefest   *Apr. 2023*

Top 10, Hardware Finals • MakeHavard   *Feb. 2021*

1st Place out of 95 teams, Social Good Track • Rutgers Hack   *Nov. 2020*

Best Hardware Hacks • HackPSU   *Oct. 2020*