Minh Pham

phamhuunhatminh221b@gmail.com

I'm a Data Science major with a software development background and a passion for UI/UX design. Leveraging experience from two high school internships, I excel in front-end, backend, and database technologies, and have successfully led a dev-ops team of six to deliver a mobile app project, cultivating leadership and technical skills.

SKILLS

Programming Languages/Framework: ReactNative, Python, R, JavaScript, SQL,, HTML, CSS, Java, Dart, Swift
Softwares: IntelliJ, MySQL Workbench, VS Code, GitHub/Git, XCode
Graphic Design: Figma, Adobe Illustrator

EDUCATION

Fei Tian College Middletown, Middletown, New York, US　　　　　　　　　*Sep 2023 - May 2026*
Bachelor of Science in **Data Science**

- **Relevant courses:** Data Mining (ongoing), Data Inference (ongoing), Data Visualization (ongoing), Data Structure and Algorithms, Database Systems, Front-End Web Development.
- **GPA**: **3.58**
- **Honors: Dean's List** - 2023-2024: Fall, **Dean's List** - 2023-2024: Spring, **Dean's List** - 2024-2025: Fall

WORK EXPERIENCE

Stealth Startup　　　　　　　　　　　　　　　　　　　　　　　**Middletown, NY**
Independent Study Program　　　　　　　　　　　　　　　　　*October 2024 - Currently*
Build a cross platform app using React Native / Expo

- Led frontend migration from Ionic to React Native/Expo, implementing 80% of features including barcode scanning and SQLite integration.
- Designed cross-platform UI components and managed app state architecture to improve user experience without dedicated design resources.
- Developed proficiency in Git version control under manager's guidance, implementing best practices for tracking changes and collaborating efficiently

Northern Horizon　　　　　　　　　　　　　　　　　　　　　　**Middletown, NY**
NASA Research Associate Summer Internship　　　　　　　　　　　*May - July 2024*
Migrated the entire ESP website onto mobile platforms using Flutter

- Managed 6 people as Team Leader, supervising task assignment and guiding junior team members on [FlutterFlow](). Used Git to consolidate the team's progress and plan for the next day. Managed the project timeline, making sure that both development phase/test phase fit into the 3-weeks time frame.
- Built 3 custom widgets using the [Flutter]() framework.
- Performed 80% of the tests and contributed to fixing 30% of the bugs.
- Designed and prototyped the app using [Figma]() and [Adobe Illustrator]() to ensure consistency in aesthetics and user experience.

NASA Research Associate Summer Internship　　　　　　　　　　　*May - July 2023*
Earthquake Signal Precursor (ESP)

- Designed and implemented a dashboard page that describes real-time magnetometer data from data stations, using [NASA's WorldWind]() library, [dygraphs](), and [Start Bootstrap]() library .
- Debugged legacy server-side code and parameterized 40+ vulnerable SQL calls to prevent SQL injection. Consolidated 20+ routes with similar logic and modified all routes to dash-case for consistency.
- Repaired insecurity in two-factor authentication process by shifting the process to the server side and implementing an OTP session API for enhanced security.
- Designed & implemented a SQL relational database for user authentication and user settings.
- Collaborated with designers to revamp the website's visual appearance for a more intuitive and consistent user experience.