TUYEN PHAM

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Portfolio website: https://tpham.netlify.app/

EDUCATION

Temple University – College of Science and Technology   **Philadelphia, PA**

Distinction in Majors   *Graduated Dec 2020*

Bachelor of Science in Computer Science – Minor in Mathematics   *GPA: 3.65*

Dean's List: Fall 2017, Spring 2018, Fall 2018, Spring 2019, December 2020

Relevant Courses: Programming Design and Abstraction, Operating System, Data Structures, Algorithms Machine
Learning, Software Design, Web Application, Android Application, Capstone.

Code Path (Summer 2019): Advanced Software Engineering Course

TECHNICAL SKILLS

- Programming Languages: Java, C, Python, HTML5, CSS, SASS, JavaScript, React, Express, Node, WebGL, GraphQL.
- Technologies: Linux, Unix, Git, GitHub, AWS, Google Cloud Platform, SQL & No.SQL, MySQL, MongoDB

WORK EXPERIENCE

Boiron INC   **Newton Square, PA**

Junior Web Developer   *Jun 2021 – Present*

- Manages, supports, and customizes E-commerce enabled sites using WordPress and WooCommerce.
- Produce and update web pages and graphic elements for over 10 different sites, while ensuring site architecture and content format meets company needs.
- Write and utilize current web technology, application tools such as WordPress, WooCommerce, PHP, modern JavaScript Frameworks (React, Angular), and other open-source systems (MySQL, PHPMyAdmin, FTP)
- Monitor mobile, marketing, and digital trends to improve operations of all website and search engine rankings.
- Develop and update the Boiron Medicine Finder mobile application in both iOS and Android platforms.

InstaHub   **Philadelphia, PA**

Full Stack Developer   *Aug 2020 – Jun 2021*

- Lead a team on the front-end to accommodate a Dashboard project and keep track team-mates progress.
- Maintain and update a partial codebase of critical Dashboard frontend operations by React, Bootstrap, HTML5, CSS.
- Cooperate with data science team to analytics data collected by the Multi-sensor Datalogger backend in Flask, Django.
- Evaluate UI/UX performance with insights from client demonstration.

RESEARCH EXPERIENCE

Temple University – College of Science and Technology   **Philadelphia, PA**

Undergraduate Research Student   *Jan 2019 – May 2020*

- Collaborated with a Ph.D. student and a master student to build the LAMP stack web application.
- Assembled data from the google spreadsheet by implementing the JavaScript code then building the backend Nodejs.
- Computed and analyzed data collected from the sensors to accurately derive mathematically on Amazon DynamoDB.
- Build new virtual smart home models based on the basic usage of the Blender system.
- Work familiar with Python Script to control objects in the Blender system, provided by the open-source 3D creation.

TECHNICAL PROJECTS

Amazon Clone (Full stack)   *March 2021*

- Developed a Progressive Web Application in full-stack areas, using React framework, designing and analyzing database, building server with both server-side rendering an API and building UI.
- Deployed at: https://clone-ed564.web.app/.

Tech stack: React JS (Redux), Node, Express, Firebase, Firestore.

3D Reconstruction Tool (Full stack)   *Aug – Dec 2020*

- Developed a Progressive Web Application using React designed on the front-end, Express on the back end connected with Google Compute Engine and Neural Network, has improved the researchers experience of reconstructing a 3D model from 2D image.
- Used serverless architecture, Google Cloud Platform to deploy the application.

Tech stack: Git, GitHub, React Hook, Express, Three.js, WebGL, Neural Network, Google Cloud Platform