TUYEN PHAM

tuyen.phk@gmail.com | (+1)484-649-0768 | linkedin.com/in/tuyen-pham-72246b158/ | github.com/tuyenphk
Portfolio website: https://tpham-portfolio.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, HTML, CSS, JavaScript, React, Express, WebGL, Three.js
- Technologies: Linux, Unix, Git, GitHub, AWS, Google Cloud Platform, SQL & No.SQL

WORK EXPERIENCE

InstaHub **Philadelphia, PA**
Software Developer Intern *Feb 2021 – May 2021*

- Integrate the web application provides feedback and analytics from data collected by the Multi-sensor Datalogger.
- Implement new features on Dashboard that help customers to better use of the product.
- Evaluate UI/UX performance with insights from client demonstration.

InstaHub **Philadelphia, PA**
Web Developer Intern *Aug 2020 – May 2021*

- Maintain and update a partial codebase of critical Dashboard frontend operations by React, Bootstrap.
- Update and maintain MySQL database among the web service by Nodejs, Express.js.
- Design and implement a calculator to calculate the electric bill savings for real-time client.

RESEARCH EXPERIENCE

Temple University – College of Science and Technology **Philadelphia, PA**
Undergraduate Research Assistant *Jan – May 2020*

- Collaborated with a Ph.D. student and a master student to build in the AWS lambda application.
- Assembled data from the google spreadsheet by implementing the JavaScript code in the script editor.
- Approached other features in google assistant to gather some ideas for the web application.

Temple University – College of Science and Technology **Philadelphia, PA**
Undergraduate Research Student *Jan – Dec 2019*

- 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.
- Work with the data collection engine provided by the open-source 3D creation software project.

TECHNICAL PROJECTS

3D Reconstruction Tool *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

Google Dinosaur Browser Extension *Apr – May 2020*

- Developed the original Google Dinosaur Offline Browser Game using JavaScript with some new features, new functionalities to improve the experience of the user.
- Used PHP to build the web server with sign in option.
- Managed a team of four peers and performed duties as a scrum master.

Tech stack: Git, GitHub, JavaScript, HTML, CSS, PHP