Tung Pham

SOFTWARE ENGINEER

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Education

University of Texas at Arlington *Arlington, TX*
Master of Science in Computer Science, GPA: 3.5/4.0 *Expected May 2020*

University of Texas at Arlington *Arlington, TX*
Bachelor of Science in Software Engineering, GPA: 3.52/4.0 *December 2017*

Technical Skills

Programming Languages   Python, Java, C#, C, JavaScript, PHP, SQL, HTML/CSS, Bash.
Tools/Frameworks   .NET, Flask, Pandas, NumPy, Git, React, AWS, NodeJS.

Experience

Lanvera *Coppell, TX*
Software Engineer Intern *June 2019 - PRESENT*
- Work with the development team to develop and maintain the company internal system, which is used to control and manage work flow within the company.
- Increase the performance in tracking and debugging errors by leading the effort to build the dashboard and monitor feature, a tool to visualize data and create alerts for defects.
- Research, design, and implement new features based on detailed specifications of requirements.

Aurea Software *Austin, TX*
Software Engineer Intern *May 2018 - August 2018*
- Collaborated with development teams to discover and debug errors at the early stage of production.
- Ensured more than 85% of the code are covered and functioned as expected by designing test plans and creating Unit tests.
- Improved the productivity to 3000 lines of code covered each week by self-taught and applying MS Fakes Framework, a tool to isolate code under test.

Ayoka Systems *Arlington, TX*
Software Engineer Intern *August 2017 - January 2018*
- Developed and maintained the management system used by different childcare centers.
- Improved the system performance, look and feel by implementing features on top of the existing functionality and backward compatibility with old releases.
- Refactored legacy code of the old features to decrease the number of defects found, and increase the maintainability.

Projects

TED-Recommender
- TED-Recommender is a web application developed in Python with Flask Framework and hosted on AWS Elastic Compute Cloud.
- Lead the effort to develop search, classification, and recommender system for videos on Ted-Talks.
- Designed UI, implemented front-end, and built machine learning models from scratch with data set from Kaggle.

LeanEventos
- Deployed a fully functional web application prototype for Lean, a non-profit organization to create and manage their events to collect donations.
- Managed the whole life-cycle of web application development by self-taught PHP and CodeIgniter Framework.

Emails Classification
- Lead the effort to build an application that allows users to classify emails before sending to avoid being categorized as spams.
- Developed a machine learning model from scratch to classify email content with more than 90% accuracy by implementing Naïve Bayes algorithm and data of categorized emails from Kaggle.