ZHIHENG FAN

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OBJECTIVE

Secure a **full time position** as a **Front End Developer** that utilizes my skills and expands my knowledge in computer science.

Personal Website: **https://fanzhiheng.github.io/Mywebsite/**

U.S. Work Authorization: **OPT, start date 2/10/2020**

Work History

Front-end Developer Intern   08/2019 to 12/2019
Michigan State University – East Lansing, MI
• Worked on a team of five students in MSU senior capstone course for Volkswagen's new car app.
• Designed the UI and implemented it as team developer for the Volkswagen's car app.
• Worked directly with customer to develop a complete project plan.
• Produced video about project and delivered software product.
• Link : https://www.cse.msu.edu/~cse498/2019-08/projects/volkswagen/

Software Engineer Intern   08/2019 to 12/2019
Michigan State University – East Lansing, MI
• Worked on a team of five students in MSU for developing a Pedestrian Collision Avoidance System for Mr. David Agnew.
• Designed the Class Diagram, Sequence Diagram, State Diagram for the system.
• Worked directly with customer to develop a complete the Prototype and SW Requirements Specification.
• Made a website to introduce it.
• Link: https://www.cse.msu.edu/~cse435/Projects/F2019/Groups/PCAS1_projectWebsite/

Data Analyzer Intern   05/2019 to 07/2019
Tsinghua University – Beijing, China
• Worked on a team of five, analyzing people revisit behavior.
• Collect data from Foursquare.com.
• Plot result data onto the canvas.

Skills

Programming: HTML; CSS; Javascript; TypeScript; SCSS; Angular; Webpack; Node.js; Python;PHP
Source Control: Github; Bitbucket;
IDEs: Visual Studio Code; Phpstorm; Pycharm; Visual Studio 2017;
Systems: Windows; Macintosh OS X; Linux

Education

Bachelor of Computer Science: Computer Science And Engineering   Expected in 12/2019
Michigan State University - East Lansing, Michigan

Graduated with 3.57 Major GPA Cognate Media Information

- CSE 231 Introduction to Programming (**Python**)
- CSE 232 Introduction to Programming 2 (**C++**)
- CSE 335 Object Oriented Programming (**C++, Visual Studio**)
- CSE 331 Algorithm and Data Structures (**Algorithm**)
- CSE 320 Computer Architecture (**C#**)
- CSE 422 Computer Network
- CSE 435 Computer Engineering (**Visual Paradigm**)
- CSE 472 Computer Graphic (**OpenGL, WebGL, Unity**)
- CSE 476 Android App Dev (**Android Studio, Java**)
- CSE 477 Web Design (**SQL, PHP, JavaScript, BootStrap, Html5, Css, Sass, Node.js, Webpack**)
- MI 349 Web Design and Dev (**JavaScript, Html5, Css, Sass, Node.js, Webpack, BootStarp, JavaScript**)
- MI 449 Adv Web Dev and Databases(**JavaScript, Html5, Css, Sass, Node.js, Webpack, BootStarp, JavaScript**)