

Peter Pi

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Education:

University of California, San Diego

Bachelor of Science in Computer Science | Graduation Date: December 2019

Experience:

VerityStream | San Diego, CA | *Software Development Intern*

June 2018 – December 2019

- Maintained Web application that delivers enterprise-class solutions to transform the healthcare provider experience for healthcare organizations and providers
- Supported software with .NET application using ASP.NET, along with business logic development, database management with SQL server and source control management repositories using Team Foundation Server (TFS)
- Designed and implemented Web application features ranging from back-end SQL schemas to front-end UI integration utilizing technologies: HTML5, CSS, JavaScript, C#, AngularJS, RESTful Web Services, SQL

The Coder School | Pleasanton, CA | *Coach*

August 2016 – August 2017

- Motivated students to find their interest in Computer Science by presenting connections with their daily life
- Instructed 8 of my students on creating their own personal websites using HTML/CSS and JavaScript, resulting in gaining knowledge of web development and their own personal project

Project:

Instant Dictionary

September 2019 - Present

- Chrome extension that allows users to view both English and Chinese definitions by selecting any text on the web
- Implemented content page using jQuery, Regex, Chrome API and JavaScript to insert a popup bubble with definitions of the highlighted text
- Developed background page that utilizes Fetch API to send HTTP requests for retrieving definitions of selected text, and transfers the responses back to content page using Chrome API

YouTube Ad Blocker

July 2019 - Present

- Chrome extension that automatically blocks popup and pre-roll ads prior to the actual video content
- Developed popup page with Bootstrap and JavaScript that allows users to enable/disable the ad block feature
- Implemented content page using JavaScript and Chrome API to detect different forms of ads and provide the best solution to block the ads accordingly

Microclimate IoT Device

January 2019 - March 2019

- Developed and deployed multiple IoT devices (ESP32 and DHT22 Sensor) to measure temperature and humidity at UCSD campus with embedded C
- Implemented Web API with Express, Node.js, and MySQL to receive and store collected data from all devices
- Utilized Google Maps API and JavaScript to produce a thermal map that presents the warmest/coolest paths across UCSD campus using collected data

Skills:

Programming languages:

C++; HTML5; CSS3; JavaScript; SQL; PostgreSQL; C#; C; Java; Python

Frameworks/Libraries/Technologies:

AngularJS; jQuery; Node.js; Express; AJAX; ASP.NET; RESTful Web Services; Bootstrap; React

Tools:

Vim; Git; GitHub; Visual Studio; SQL Server Management Studio; Postman; Android Studio; ZenHub; Trello; TFS