

# Peter Pi

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## Education:

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### University of California, San Diego

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

## Experience:

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### 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:

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### 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:

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### 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; Android Studio; Eclipse; ZenHub; Trello; TFS