

# Peter Pi

Software Engineer

## Personal Info

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## Languages

JavaScript C/C++

HTML/CSS Java

SQL Python

C#

## Technologies

AngularJS ASP.NET

Node.js Express

Bootstrap jQuery

React Ajax

MongoDB

## Tools

Visual Studio Docker

Azure Postman

AWS TFS

Firebase

SQL Server  
Management Studio

## Education

2017 | 2019 **University of California, San Diego** – San Diego, CA  
B.S. in Computer Science, Dec. 2019

## Experience

- 2020-06 | Present **GoGoody Inc.** – Bay Area, CA  
*Software Engineer Contractor (Back-end)*
- Implemented RESTful APIs for e-commerce app with Express
  - Designed inventory tracking mechanism to simulate flash-sale
  - Automated testing scenarios to ensure server-side functionality
- 2018-06 | 2019-12 **VerityStream** – San Diego, CA  
*Software Development Intern (Full-stack)*
- Developed and optimized web app for healthcare organizations
  - Developed new features based on mock-up designs from UX designer
  - Improved process efficiency by implementing an auto-filling system
  - Enhanced security of application by refactoring legacy pages
- 2016-08 | 2017-08 **The Coder School** – Pleasanton, CA  
*Computer Science Tutor*
- Helped motivate and improve students' critical thinking skills
  - Developed coding lessons and projects for students
  - Instructed students on creating their own personal websites

## Project

- 2020-07 | Present **NextTrip**
- Built a trip planner using MERN Stack and Foursquare API
  - Implemented user login system for saving personal trips
  - Designed an algorithm that generates the best route based on users' preferences
- 2019-07 | Present **YouTube Ad Blocker**
- Chrome extension that blocks popup and pre-roll ads
  - Implemented different methods to detect different forms of ads using Chrome API
  - Blocks an average of 100,000 ads per day for 2000+ weekly users
- 2019-03 | 2019-06 **Micro-climate IoT Device**
- Developed IoT devices to measure temperature and humidity at UCSD
  - Implemented Web API to receive and store collected data from devices
  - Utilized Google Maps API to produce a thermal map that shows warmest/coolest paths across UCSD campus
- 2018-03 | 2018-06 **TrytonsPlan**
- Led a team of nine in building a course-planning web app using React
  - Developed various sorting algorithms for filtering schedules
  - Constructed a thorough system test plan that covers all features