



Tim O'Brien

Computer Scientist

Ambitious Senior eager to learn. Skilled in coding, project management, and communication. Adaptable and driven with strong work ethic and ability to thrive in team-based or individually motivated settings.

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EDUCATION

Computer Science

University of Central Florida

08/2017 - 12/2020

GPA 3.45

Passions

- Advanced Mathematics
- Programming Languages

WORK EXPERIENCE

Windows Platform Engineer Co-Op

HD Supply

05/2019 - 08/2019

Orlando, Florida

Formerly a part of home depot. I worked inside the Large IT department managing company resources.

Achievements/Tasks

- Developed decommissioning workflows in vRealize Orchestrator
- Improved VM Migration Efficiency using powershell scripts
- Gained experience with Postman API and Active Directory

HONOR AWARDS

Dean's List (2019 - 2020)

University of Central Florida

- 3.5 GPA average

AP Scholar With Distinction (2017)

Advanced Placement Program

Florida Academic Scholar (2017 - Present)

Florida Bright Futures

SOFT SKILLS

Teamwork

Communication

Leadership

Project Management

Agile Meetings

fast-learner

Intramural Sports Captain

Trumpet

PROGRAMMING SKILLS

Java

Javascript

Node.js

React.js

Scripting

SQL

C

C++

Python

HTML/CSS

AWS

Heroku

Mongodb

Functional Programming

Mips

High Level Mathematics

Problem Solving

Express

Linux

Powershell

Automation

PERSONAL PROJECTS

Instagram-Clone (07/2020 - 09/2020)

- INDEPENDENT.
- Created a React JS app connected to firestore hosted at <https://coadvi.web.app/>, allowing users to use an instagram like app. (Authentication, Posting, Commenting)

Comicality (08/2019 - 12/2019)

- Project Manager - Lead a group of 5 Students.
- Created a Website designed to allow users to post and edit comic books. https://github.com/Elden/chucky_cheesers SQL back-end html/css/js front-end.

Cloud Tracking v2 (01/2020 - 12/2020)

- Project Manager - Leading a group of 8 students.
- Creating a React JS website for the Orlando Utility Commission. This system uses cameras to track cloud movement, and predict power output for the companies solar panels.

Portfolio Website (08/2020 - 09/2020)

- INDEPENDENT.
- Created using html/css/js. Hosted on AWS <http://timothymobrien.com/>.

Mips Compiler (01/2019 - 04/2019)

- Created a pl0 to mips compiler in C including the Lexer, Parser, Typechecker, P-Code, and Code Generation.

ORGANIZATIONS

Tau Sigma Honor Society (2019 - 2020)

Golden Key Honor Society (2019 - 2020)

UCF Lacrosse (2018 - 2020)