Jackson D. Perry

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EXPERIENCE

Graduate Web Development I Course Assistant – *Stevens Institute of Technology, Hoboken*
AUGUST 2021 – PRESENT
- Assist students with asynchronous programming, Node.js, Express.js, MongoDB, API development, HTML, CSS, JQuery, AJAX, and Bootstrap.
- Manage weekly office hours, grade weekly labs and quizzes, and answer questions via email and slack.

Virtual Instructor – *iD Tech, Online*
JUNE 2021 – AUGUST 2021
- Managed a classroom of 3-8 students in a virtual setting.
- Reviewed academic material and created lesson plans for each student.
- Class topics included Minecraft Modding with Java, Introduction to Java, and Introduction to Python.

Senior Research Associate – *Monmouth University, Long Branch*
JULY 2018 – AUGUST 2018
- Worked in Unity developing in C# to create a Virtual Reality simulation of the Barnegat Bay and its ecosystem.
- Worked in a team of associates across six weeks to develop the simulation and presented to a symposium. More details here.

EDUCATION

BS in Computer Science – *Stevens Institute of Technology, Hoboken*
AUG 2020 – DECEMBER 2022
- Graduating 3 semesters early.

PROJECTS

Assignment Portal
SEPTEMBER 2021 - MAY 2022 – *Stevens Institute of Technology*
- A Senior Design project for client Life Skills Software across two semesters which allows teachers and students to create and complete assignments.
- Working in a group of 7 with technologies such as React, Redux, TypeScript, Express, and Mongoose.

BoardHub
FEBRUARY 2021 - MAY 2021 – *Stevens Institute of Technology*
- Final project for Graduate Web Development I.
- A lightweight planning website that facilitates agile planning for individuals and teams through Kanban-style list creation and tracking.
- Worked in a group of 5 with technologies such as Git, Trello, Node.js, Express.js, BCrypt, MongoDB, JQuery, XSS, HTML5, and CSS.

DAWN
SEPTEMBER 2018 - MARCH 2020 – *Point Pleasant Boro High School*
- Founded as a way for high school students to find the mental health resources available to them both inside and outside of schools.
- Partnered with Feeling Swell and Society for the Prevention of Teen Suicide.
- Featured in an NJEA article.
- Worked in a team of 3 with technologies such as HTML, CSS, JavaScript, Redis, Bootstrap 5, Firebase, jQuery, Heroku, BCrypt, and Google Analytics.

SKILLS

Front-End

Handlebars.js	Gulp-Sass
Bootstrap 4 and 5	JQuery
React	AJAX
Redux	Axios
React Router	Vue

Back-End

Firebase	Express.js
Mongoose	Redis
MongoDB	RediSearch
BCrypt	RedisJSON

Practical

Node.js	Heroku
Trello	Scrum/Agile
Unity	Google Analytics
Git	GitHub Pages

LANGUAGES

JavaScript, HTML, CSS	TypeScript
C, C++, C#	OCaml
Python	LaTeX
PHP	Java

COURSEWORK

2020
Introduction to Web Programming
Discrete Structures

2021
Graduate Human-Computer Interaction
Graduate Web Development I
Data Structures
Computer Architecture and Organization
Graduate Web Development II
Senior Design I
Computers and Society
Algorithms

2022
Introduction to Text Mining/Nat. Lang Proc
Principles of Programming Languages
Agile Methods for Software Dev.
Systems Programming
Senior Design II

AWARDS

AP Scholar With Distinction
2020 - College Board

7th Place in NJ STEAM Tank - DAWN
2019 - *NJSBA*