

Jack Diamond

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EDUCATION

University of Nevada, Reno

Sep 2015 - Dec 2020 (expected)

Bachelor of Science, Computer Science and Engineering

GPA: 3.57 cumulative, 3.95 in major

Courses: Data Structures, Algorithms, Discrete Mathematics, Embedded Systems Design, Computer Organization, Calculus III, Operating Systems, Programming Languages

Awards: Dean's List for Fall 2017, Spring 2018, Fall 2018, and Spring 2019

WORK EXPERIENCE

IGT

Fall 2019 – Present

Software Engineering Intern

- Developed a full-stack application using TypeScript, Node.js, and Ionic web framework
- Designed custom API routes and classes to interact with the application using Node.js
- Wrote stored procedures using MS SQL Server to interact with the API

Iridium Technology

Summer 2019

BI Developer Intern

- Wrote SQL stored procedures to aggregate data according to client customizations
- Designed custom dashboards for clients using SQL and HTML/CSS
- Used Microsoft SQL Server and C# to modify existing data using queries and functions

PROJECTS

Budget App for iOS

Swift

<https://github.com/jack-diamond/BudgetApp>

- Budgets money based off three percentages given by the user
- Gives user the ability to add income which is split into the percentages and also add transactions
- Stores all transactions according to each category for the user

Volume Tracker

Python

<https://github.com/jack-diamond/volumeTracker>

- Takes in a file as input from the user and parses the file for info regarding workout routine
- Determines muscles involved by using class objects with values for each given muscle and exercise
- Outputs total number of sets per muscle group

TECHNICAL SKILLS

Programming Languages:

JavaScript, Python3, C++, C, SQL

Others:

Typescript, Node.js, HTML/CSS, Ionic, MS SQL