Sammy Najd

sammy.najd@gmail.com | (951) 870-6914

EDUCATION

UC SAN DIEGO
B.S. Mathematics-Computer Science
June 2019 | La Jolla, CA

LINKS

Github: **SammyNajd**
LinkedIn: **SammyNajd**

COURSEWORK

Software Engineering
Design and Analysis of Algorithms
Advanced Data Structures
Mathematics for Algorithms and Systems
Principles of Programming Languages
Operating Systems
Design for Digital Systems
Theory of Computability
Numerical Analysis: Linear Algebra

SKILLS

PROGRAMMING

- JavaScript/JQuery/AngularJS
- React
- Python
- C/C++
- Java
- SQL
- HTML/CSS
- MongoDB
- Express
- Bootstrap
- REST API
- MVC Architecture

EXTRACURRICULAR

- Beta Theta Pi | President
- UCSD Men's Rugby | Treasurer

EXPERIENCE

GEISEL LIBRARY, UCSD | IT Analyst/Programmer
May 2017 - August 2019 | La Jolla, CA
- Provide Tier 1 support across all staff members in a timely manner utilizing the ServiceNow platform
- Communicate effectively with other IT team members and internal customers to better diagnose and solve both software and hardware issues
- Maintain, build, and image machines to be used by both public patrons and library staff members

WESTERN DIGITAL (SANDISK) | Software Development Intern
June 2018 - September 2018 | Milpitas, CA
- Used full-stack development (JS, Angular, .NET, SQL) to create a dashboard that allowed firmware engineers to effectively determine the results of batches of testing devices
- Created an interactive tool that enabled engineers to determine the overall efficiency of lab machines, allowing them to better allocate time spent, productivity, and resources
- Wrote SQL queries to sift numerous data points for the dashboard and lab tool on MS SQL Server to ensure the most relevant data was shown by the view

ZODIAC AEROSPACE | Hardware Technician
Jul 2015 – Sep 2015 | Huntington Beach, CA
- Executed the Fleet Migration Project, in which data and programs from over 100 outdated machines was transferred to newly upgraded models
- Reimaged machines to company specifications, remotely transferred data, and set-up Zodiac e-mail system for each machine
- Diagnosed hardware issues with malfunctioning machines and gathered recycled parts to build as many properly functional machines as possible

PROJECTS

FITBOOK | React WebApp
October 2019 - Present
- Created a React Express web application that allows users to log workouts and exercises they perform, giving a greater insight into fitness progress
- Utilized MongoDB Atlas to store user and exercise data, as well as to communicate easily and effectively with the backend
- Developed an easy to use dashboard, which intuitively guides users to add, update, and analyze their exercise data
- Core technologies: [React, Express, MongoDB Atlas, Cors, Axios, Nodemon]

ONERECIPE | Email Subscription Service
November 2019 - Present
- Design Idea: An automated email service that sends subscribers recipes daily and provides direct links to all necessary ingredients on Amazon Fresh
- Created with Python, generates recipes from the Spoonacular API, and scrapes Amazon Fresh to retrieve the most low-cost ingredients
- Recipe emails are then sent to all subscribed users during morning hours, to ensure delivery time of ingredients by the end of the day
- Core technologies: [Python, Selenium, SMTPlib, Spoonacular API]