Neil Jain

Software Engineer

Eager software engineer with real world experience building secure and scalable solutions.

✉ neiljain56@gmail.com

📍 Raleigh, United States

in linkedin.com/in/neil-jain-42b255146

📱 732-640-4054

🌐 neiljain56.com

○ github.com/NeilJain56

WORK EXPERIENCE

Associate Software Engineer
Pendo.io

01/2021 - Present

- Developed and deployed a secure OAuth Server implementation in Golang with ~90% test coverage to Google Cloud Platform App Engine to enable company to build a new form of authentication for the Public API.
- Managed and maintained the Public API, the webhooks service as well as several integrations at scale with companies such as HubSpot, Salesforce and Slack.
- Provided innovative caching solutions that integrated Google Cloud Platform Memcache and Memorystore to reduce latency and improve aggregation of data performace by 5%.

Software Engineering Intern
Lockheed Martin

06/2019 - 08/2019

- Converted multi-billion dollar "Oasis" project into a modern Maven and Cmake architecture cutting down build times by over 25%.
- Actively collaborated on an Agile team to develop a new GUI builder approach in React.js to assist systems engineering teams create specs.
- Took initiative on the internship project by leading a team of interns to create a completely functional Command and Display system to integrate with Makeblock hardware.

Computer Science Teacher
SteamWorks Studio

06/2018 - 08/2018

- Created and presented over 75 hours of detailed coursework that taught well known programming techniques and conventions.
- Applied knowledge of Artificial Intelligence and Neural Networks to successfully create a classifier with 95% accuracy and no imported packages.

Front-End Engineering Intern
Cosmolex

06/2017 - 08/2017

- Partnered with several professionals to create a website in WordPress viewed by thousands of domestic and international customers.
- Conducted A/B testing to identify bugs and suggest UI improvements within the first month.

EDUCATION

B.S. in Computer Science and Cognitive Science
Rutgers University - New Brunswick

09/2017 - 12/2020   *GPA: 3.936/4.000*

TECHNICAL SKILLS

Java C/C++ Python SQL Javascript Git

HTML/CSS Node.js React.js GCP Golang

CERTIFICATES

Comcast NBCUniversal Virtual Development Experience (06/2020 - 08/2020)

Comcast NBCUniversal

- Actively participated several development seminars targeted at interns of Comcast NBCUniversal who were no longer able to work because of COVID-19.

PERSONAL PROJECTS

MyAppLog.io (06/2020 - Present)

- Developed a fully responsive job application log using the MERN stack and Agile techniques to service over 8,000 active consumers.

Token (04/2018 - 07/2020)

- Created a consumer website in React.js, JQuery and PHP that interacts with REST API's to solve a modern credit card payment problem.

RESEARCH

Using Artificial Intelligence to Improve Transportation Safety
Rutgers University

09/2019 - Present

Work with a multidisciplinary team to apply suitable AI techniques to improve transportation safety, with a focus on rail and transit systems.

- Collaborated with senior Ph.D. students to develop and customize AI techniques to solve high-impact, real-world transportation problems.