



Neil Jain


Software Engineer

A detail-oriented computer science and cognitive science major with professional experience looking to solve real life challenging problems with innovative solutions.

neiljain56@gmail.com 

732-640-4054 

neiljain56.com 

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

github.com/NeilJain56 

EDUCATION

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

09/2017 - 12/2020

Current Senior with a GPA:
3.936/4.000

WORK EXPERIENCE

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.
- Managed teachers and classroom students for over 8 weeks to teach Computer Science and other fields of studies with a 97% passing rate.

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.
- Presented several ideas to senior management to improve efficiency and quality of product.

CERTIFICATES

Comcast NBCUniversal Virtual Development Experience (06/2020 - 07/2020)

Comcast NBCUniversal

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

TECHNICAL SKILLS

Java

C/C++

Python

SQL

Javascript

Git

Maven

CMake

HTML/CSS

Haskell

Scheme

Node.js

React.js

Kotlin

Android

Prolog

RELEVANT COURSES

Computer Science Courses

Data Structures, Computer Architecture, Computer Algorithms, Principles of Programming Languages, Databases, Software Methodology, Introduction to Artificial Intelligence

Other Relevant Courses

Linear Algebra, Discrete Math I, Discrete Math II, Combinatorial Theory, Mind Machines and Computation

PERSONAL PROJECTS

MyAppLog.io (06/2020)

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

Token (04/2018)

- 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.

ORGANIZATIONS

Delta Upsilon (09/2018 - Present)

Vice President of Academic Excellence

Interfraternity Council (09/2019 - 05/2020)

Community Affair Director

Nothing But Vocals (09/2019 - Present)

Vice President

Steps-2-Fit Non-Profit Organization (01/2015 - Present)

Founder and President