Korina Pluss

B.S. Computer Engineering & Computer Science | May 2022

Contact

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@ pluss.k@northeastern.edu

○ https://github.com/korina-pluss27

in https://www.linkedin.com/in/korina-pluss/

🌐 https://korina-pluss27.github.io/

Work Experience

January 2020 – August 2020

Full-Stack Software Developer *Pluralsight*

- Developed IDE extensions for activity tracking that interfaced with a lightweight CLI for reusability and protection of user information by keeping client data local
- Worked on a full-stack TypeScript project through mob, pair, and independent programming from initial commit to a 200 user Beta release that leveraged data from the Pluralsight platform and coding insights from IDE extensions to help developers understand their workflow
- Researched and implemented OAuth 2.0 calendar integrations with Google and Microsoft client-side with complex state management in Redux

January 2019 – August 2019

Software Test Engineer *Medtronic, Surgical Robotics Division*

- Identified problems in the testing workflow and developed automation tools using C# to expedite formal document creation, reporting of software requirement to implementation traceability matrices, and warnings checks for test protocol content that are used by over 100 engineers on 3 different teams, which played a key role in maintaining the product timeline for release
- Maintained and validated a large-scale software test execution framework in Python and C++ used for remote building and deployment of tests on a complex surgical robotic system

Fall 2019 & Fall 2020 Semesters

Logic & Computation Teaching Assistant *Khoury College of Computer Science*

- Plan and run weekly recitations, hold one-on-one office hours, and develop course reference material for using the LEAN theorem prover (previously used ACL2s)

Education

Northeastern University

Expected Graduation: May 2022

B.S. Computer Engineering & Computer Science, Economics Minor

GPA 3.89

Vice President of IEEE-HKN
Dean's List
Cheese Club Board Member

Coursework

- Algorithms & Data
- Artificial Intelligence
- Computer Systems
- Embedded Design
- Fundamentals of Networks
- Fundamentals of Digital Design & Computer Organization
- Introduction to Software Security
- Object-Oriented Design
- Probability & Statistics

Skills

Software Languages

JavaScript, Python, TypeScript, C++, Java, SQL, C, C#

Libraries & Frameworks

React, Redux, Jest, Axios, Express, Fastify, Slonik

Tools & Services

AWS (S3, EC2), GitLab, TeamCity, Leankit, Docker, PostgreSQL, Git, GitHub

Projects

August 2020 – Present

Personal Website

Explored using Gatsby and CSS-in-JS frameworks to build the first iteration of my personal website, which is hosted via GitHub Pages

June 2020 – August 2020

UX Design Study

Performed user research for a recommendation experience that suggests times to learn, created Figma prototypes, and implemented them in a React front-end

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Professional References   Additional references available upon request.

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Jason Shrand

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