

Eric Chen

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EDUCATION

Northeastern University, Khourey College of Computer and Information Science

Boston, MA

Bachelor of Science in Computer Science

December 2022

GPA: 3.3/ 4.0

Relevant Coursework: Web Development, Fundamentals of Software Engineering, Networks and Distributed Systems, Computer Systems, Object Oriented Design, Algorithms and Data Structures

PROFESSIONAL EXPERIENCE

Software Engineer at Mastercam

Jan – June 2022

- Developed software on the Systems team using C++ with 3 week scrum cycles.
- Increased the speed of graphical refreshes and reduced prolonged freezing across the CAD/CAM program by standardizing the 8 different types of wait cursors.
- Resolved file save issues and refined features in editing common parameters UI for drill setup.

IT Onboarding Specialist at Wayfair

Jan – June 2021

- Created an inventory app to standardize new hire shipping procedures that effectively eliminated incorrect fulfillments and saved hundreds to thousands per week.
- Fulfilled 5+ software requests via Active Directory, SCCM, JAMF, and remote assistance per day.

SOFTWARE PROJECTS

NewClo E-Commerce Store - Personal

- Created a full-stack responsive clothing store with payment by Stripe.
- Developed the client using Javascript, HTML/ CSS, Emotion, MaterialUI, etc.
- Managed the server through a headless CMS called Strapi.

Netflix Copy - Personal

- Built a full-stack responsive copy of the Netflix web client using Typescript, Next, and TailwindCSS with credentials login and OAuth login for Github and Google.
- Implemented functionality of a randomized billboard, playing videos from a selection, viewing more information about videos, and favoriting videos.

ShoeScan Website - Academic

- Using Javascript and MERN stack, created a full-stack buying and selling shoe platform.
- Populated pages and search bar with sneaker information from a sneaker API using Axios.

Inventory Management App - Professional

- Created an app with Google AppScript that significantly improved inventory management by digitizing processes and using QR code tagging.
- Implemented Google Sheets database to monitor stock and record items attached to shipments.

Spreadsheet - Academic

- Collaborated in a 4-person team to develop an app similar to Excel using React and Typescript.
- Implemented software design patterns such as visitor, observer, composite, and factory methods.
- Mimicked most of the core functionalities of Excel with formulas, cell selection, formatting, and cell error handling.

SOFTWARE SKILLS

Javascript, Typescript, React, Next, Prisma, Next-Auth, Express, Node, Tailwind, HTML/CSS, Redux, REST, Strapi, CMS, MongoDB, Mongoose, C++, Python, Java, Git, WSL/Linux, AWS Lightsail, SQL