

Jacob Trock

203-216-2725 | trock.j@northeastern.edu

11 Elizabeth Drive, Westport CT

Available: January - June 2022

EDUCATION

Northeastern University, Boston, MA
Combined Major(Transfer Student)

[Cumulative GPA 2.6 / 4.0] (2020 - 2024)

-**Bachelors of Computer Sciences, Khoury College**

-**Bachelor's of Business, D'Amore McKim**

Computer Science Classes: Fundamentals 1+2(Java), Discrete structures, Math reasoning,
Object oriented design, Algorithms and data, Foundations of Cybersecurity

Staples High School, Westport, CT

[GPA 3.6 / 4.0] (2016 - 2020)

Activities: Co-president Young Politicians League, Cross Country Track Team (3 years)

Awards: for Lockheed Martin CodeQuest, Sikorsky STEM Challenge,
and Embedded systems programming

COMPUTER KNOWLEDGE

Languages/Libraries: Typescript, Ecma, React, Node.js, JS, HTML, CSS, Bash, Java, Python

Systems/Infrastructure: DevOps, Linux, MongoDB, Docker, PostgreSQL

AWS services(CDK,EC2,RDS,...), Graphic design(adobe suite)

PERSONAL AND ACADEMIC PROJECTS

ServiceEngine – Created NoCode File Processor

(Jan 2021 - Present)

-Invited to TechCrunch Disrupt

-Only Freshman Finalist in Northeastern Husky Startup Challenge

-Wrote an AWS Lambda+Cognito+RDS back end and React front end

-Validated ideas with customers and prototyped a template of program functions

CleanConnect – SaaS solution for tracking property damage

(Oct 2019 - Dec 2020)

-Wrote back end in Node.js with Express middleware

-Managed partner who wrote front end in React

-Devops: Deployed service to Amazon EC2 (Ubuntu 18, Nginx, mail server)

WORK EXPERIENCE

(Dec 2020 - Jan 2021)

Picstop – Social Media App – Back End Developer – Boston, MA

-Connected service to Amazon S3 for image storage

-Optimized validation, wrote an infinite scroll feed system and cleaned code

-Worked with an Agile ticket-based system

(May - Jun 2020)

Mountain Financial – Wealth Management – Webmaster – Greenwich, CT

-Developed correspondence website in React

-Created site prototypes with Zeppelin

-Managed hosting, DNS and domain services

(Jun - July 2019)

Live XYZ – Tech Startup – Front End Developer – New York, NY

-Built React pages for live events

-Audited integration of Mapbox to code base

-Assisted management in client meetings

EXTRACURRICULAR INVOLVEMENT AND PERSONAL INTERESTS

Northeastern Entrepreneurial Club - participant and contestant

(2020-Present)

Hillel – participant in events and religious ceremonies

(2020-Present)

NURE- Northeastern Real Estate club

(2021-Present)

Furniture Design (metal welding and woodwork), Technology recovery and refurbishment, 3D
Printer repair, Low level and embedded systems programming, Kayaking, Biking, Hiking,
Political/Philosophical debate, Reading, Teaching and Community Service

More personal projects at <https://jaketrock.github.io>