

# Ned Seaman

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Passionate engineer seeking full-time position to apply excellent problem solving skills and experience growth. Voracious learner who is ready to make an immediate impact and demonstrates outstanding communication, critical thinking, and collaborative abilities.

## Education

### Washington University, McKelvey School of Engineering

May 2023

B.S. Computer Science, Financial Engineering

- GPA 3.91, Dean's List (5x)

## Professional Experience

### Software Development Engineer Intern, Amazon

June 2022 - Present

- Bullet 1
- Bullet 2
- Bullet 3
- Bullet 4

### Coding Tutor, LaunchCode JusTech

August 2021 - Present

- Tutors inmates nearing parole on web and full-stack development
- Directs Unlocked Labs, a non-profit that employs LaunchCode graduates

### Software Engineer Intern, National Geospatial-Intelligence Agency

May 2021 - August 2021

- Wrote Python script to analyze spatial economic data using Google Earth Engine
- Automated workflow to increase efficiency of data analysis by 50%
- Independently set deadlines for team progress and sponsor reports

### Software Engineer Intern, FastDemocracy

May 2020 - August 2020

- Authored code for new mobile application using React Native to reach new customer base
- Spearheaded design of business card scanner API

## Projects

### CartConnect API

- Architected API to streamline the sharing of e-commerce shopping carts using Node.js, Express
- Endpoints share carts, gather feedback, and give real-time updates using MongoDB & Twilio SMS API
- Currently working on accompanying iMessage frontend for smoother UX

### ChatRoom

- Web application based on Socket.IO where users can create chatrooms and message with friends
- Users have the ability to send messages to specific chatroom members and ban and kick users

## Activities & Leadership

### Alpha Kappa Psi Professional Fraternity

January 2020 - Present

- A Elected Pledge Class President (Spring 2020), VP of Recruitment (Fall 2021)
- Effectively managed and delegated to a committee of 10 fraternity members
- Pioneered new marketing strategies and voting procedures to increase rush and brotherhood participation

### Army ROTC Gateway Battalion

January 2020 - June 2021

- Recipient of "Best MSII" award during Fall 2020, given to best sophomore cadet in entire battalion (80 cadets)
- Selected as 1 of 14 cadets from entire battalion to participate in Ranger Challenger during Fall 2020

## Technical Skills & Relevant Coursework

- Languages: (*proficient*) Java, JavaScript, Python, (*familiar*) SQL, CSS, HTML, Swift, C, C++
- Frameworks: (*familiar*) React.js, Angular.js
- Databases: (*proficient*) MongoDB, (*familiar*) MySQL
- Coursework: Artificial Intelligence | Rapid Prototype Development | Machine Learning | Systems Software | Object-Oriented Software | Internet of Things | Mobile Application Development