

Max Rosen

Cambridge MA

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EDUCATION

University of Massachusetts at Amherst

Bachelor of Science in Computer Science

Cumulative GPA: 3.6; Dean's List seven of eight semesters

EXPERIENCE

Jobcase, Inc., Cambridge, MA

Senior Software Engineer

January 2022 – Present

- Built Python-based microservice for “*quick apply*” applicant tracking system
 - Created RESTful API utilizing FastAPI framework and SQLAlchemy ORM library
 - Implemented system to gather and forward candidate data to customers’ third party ATS systems
 - Owned the application by managing its development, deployments and maintenance
 - Deployed Docker containerized microservice to AWS EKS Kubernetes cluster managed by Helm
- Drafted planning roadmaps, timelines and feature release processes for product management team
- Maintained a New Relic dashboard to provide internal business partners with streamlined access to “*quick apply*” metrics
- Produced client documentation for potential customers interested in integrating with “*quick apply*”
- Engaged with customer success team to integrate partners’ ATS systems with “*quick apply*” service
- Collaborated with sales team to ingest client-provided job listing datasets into job search database

The TJX Companies, Inc., Framingham, MA

Software Engineer

June 2021 – January 2022

- Managed backend development for Node.js and Express.js based RESTful API
 - Built backend API that queried Azure hosted MySQL database using Sequelize ORM
 - Led Quality Assurance team to create unit test suite for HTTP requests
- Awarded “Top Problem Solver” of “Early in Career” Engineers

Software Engineering Intern II

May 2020 – Aug 2020

- Hired for the Robotic Process Automation team (*program subsequently canceled due to COVID-19*)

Software Engineering Intern

May 2019 – Aug 2019

- Performed bug fixes on Xamarin.Forms mobile application framework using C# and XAML

PROJECTS

EleNa Elevation Based Routing System

- Collaborated with team of peers in highest undergraduate level course to design a Python-based routing system utilizing PyPi packages, which maximizes or minimizes elevation

iPhone Applications

- Developed and published multiple iPhone applications to the Apple App Store
- Built using Objective-C and Swift, accumulated over 240,000 downloads
- Emergency Whistle app ranked #1 free app in Turkey in aftermath of earthquake

SKILLS

Languages: Python - JavaScript - Java - HTML - CSS - SQL

Technologies: Docker - Kubernetes - AWS - FastAPI - Git - Pytest - MySQL - Postgres - Helm - Jira - HashiCorp Vault - New Relic - Sumo Logic - Node.js - React - S3 - EKS - RDS - Lambda

Scaled Agile Framework for Lean Enterprises

(SAFe): trained in a knowledge base of proven, integrated principles, practices, and competencies for lean and agile DevOps

Lean Six Sigma Yellow Belt: trained in data-driven methodology to improve business processes