


Max Rosen

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EDUCATION

University of Massachusetts at Amherst, Amherst, MA

Bachelor of Science in Computer Science; expected graduation - May 2021

GPA: 3.59 cumulative; 3.87 Fall '20

Honors: *Dean's List Fall 2017, Spring 2018, Spring 2019, Fall 2019, Spring 2020*

Activities: Pi Kappa Phi Fraternity — Theta Mu

House Council Treasurer, Residence Hall Association at UMass

Fundraiser, UMass Dance Marathon — Children's Miracle Network Hospitals

EXPERIENCE

The TJX Companies, Inc., Framingham, MA

Software Engineering Intern II (cancelled due to COVID-19) **May 2020 – Aug 2020**

- Selected as a returning intern for the Robotic Process Automation team for Summer 2020

Software Engineering Intern

May 2019 – Aug 2019

- Selected as the only intern on the mobile-app development team
- Utilized an agile framework to retrieve stories from JIRA Kanban board to develop new features
- Performed bug fixes on Xamarin.Forms mobile application framework using C# and XAML
- Researched benefits of native versus hybrid and wrapped mobile application development to recommend future development techniques and strategies
- Evaluated the global end-to-end supply chain and recommended process and technology improvements utilizing Lean Six Sigma methodology

Marshall's, Franklin, MA - **Sales Associate**

July 2016 – Aug 2018

- Provided excellent customer service at point of sale and cross-trained in all departments
- Received the highest audit score on department organization

Pi Kappa Phi Fraternity, Amherst, MA - **Executive Board Member**

April 2019 – Dec 2019

- Elected by peers as House Manager: responsible for the fraternity house budget utilizing Excel
 - Established purchase and replenishment system for monthly house supplies
 - Selected to represent Theta Mu Chapter at National Conference in Chicago, IL
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PROJECTS

Ultimate Software Job Board

- Collaborated with an Agile team of 13 students to create a job board web application
- Implemented both backend and frontend interfaces using NodeJS and MongoDB

EleNa Elevation Based Routing System

- Worked with team of peers to design a routing system which maximizes or minimizes elevation
- Built using Python and various API libraries

SKILLS

Languages & Technologies: Java - Python JS - NodeJS - C# - HTML - CSS - Swift - SQL - Solidity

Scaled Agile Framework for Lean Enterprises (SAFe): a knowledge base of proven, integrated principles, practices; and competencies for lean, agile; and DevOps

Lean Six Sigma Yellow Belt: a data-driven methodology to continuously improve business processes

IPHONE APPLICATIONS

- Created and published multiple iPhone applications to the Apple App Store
- Built using both Objective-C and Swift languages, accumulated over 240,000 downloads
- Emergency Whistle ranked as #1 free application in Turkey after earthquake aftermaths