

# ROY SCHOR

## Software Engineer

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### Professional Experience

#### Software Engineer Intern | Benefits Billing Team | Justworks

New York, NY

June 2023 - August 2023

Solved a pertinent issue facing internal customers scoped to be front-end, back-end, and test bench

- Interviewed stakeholders from multiple teams and wrote a tech discovery based on needs.
- Architected project workflow, developed an MVP, and deployed it to production.
- Refined in final weeks of internship to add additional customer-specific needs used weekly by over 4 internal teams to access customer critical information.
- Front-end in React Javascript and HTML using React testing library, back-end in Ruby and Rspec

#### Software Engineer Intern | Employer Risk Team | Justworks

New York, NY

June 2022 - August 2022

Converted a script used in production to a front-end internal tool with expanded capabilities, scoped to work on the back-end, front-end, and test bench tasks for cross-functional teams.

- Developed Workers' Compensation feature using React, Javascript, Ruby, and Rspec testing language, pushed to production for all internal product users
- Effectively treated 10+ Jira tickets to completion and led team scrum ceremonies.
- Led 2 company-wide panels and 2 team intern projects/ hackathon projects
  - Created an onboarding Slackbot to familiarize new employees with the coding environment and Justworks' tools, reducing the learning curve, time, and resources.

### Projects

#### Stock Prediction Neural Network | Python, Keras, Pandas

Created an LSTM Neural Network using TensorFlow and Keras, utilizing Pandas Dataframe.

- The network continuously predicted the 5th trading day Close value based on the past 4 closing values.
- This project was researched, designed, failed, and redone until reaching the desired goal
  - Detailed project info and analysis can be found on my GitHub with a link to my medium article.

#### 2 Swift Apps - CodePath IOS Dev Course | Swift

Researched, designed, and coded 2 Apps in Swift, integrating UX & UI skills via backend programming through the colors, graphics, visual design, and layout

##### Flixster, 1st App

- A movie review app similar to rotten tomatoes, scalable to various iPhones

##### Twitter, 2nd App

- A replica of the official app. Connects to Twitter's API, gets user's account info, and uploads new data to Twitter

#### Lottery, Smart Contract | Solidity, JavaScript

Implemented Smart Contracts in JavaScript and Solidity using Web3 development.

- Tested on a personal Ethereum Blockchain Ganache, then sent it to Rinkeby Test Network for open testing. Available on my GitHub

### Education

The Pennsylvania State University, College of Engineering, University Park August 2020 - May 2024  
Bachelor of Science in Computer Science | Minor in Business Administration GPA: 3.62

DIS: Copenhagen in Partnership with the University of Copenhagen 1 Semester, Spring 2023  
Artificial Neural Networks and Deep Learning

### Professional Skills

C | Java | JavaScript | HTML | CSS | Python | Microsoft Office  
C++ | Ruby, Rspec Testing, Sorbet | Solidity | Development with Web3 JS API

Fluent in Hebrew

### Personal Interests

#### TAMID Group

- Hand's-on business and tech experience involving startups in Israel

#### OPPerations Committee Member, THON 2022

- Volunteered over 50 hours for laborious activities including set-up, tear-down, and execution of multiple philanthropic events

Phi Kappa Theta Member, Alumni Relations Chair, and Executive Board Secretary