

# Samuel Park

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## Objective

Seeking a Software Engineering Internship for the Summer of 2022.

## Education

Texas A&M University, College Station TX, BS in Applied Mathematical Sciences concentration on Computational Sciences

September 2018 - Present

Minor In Computer Science

Expected Graduation: December 2022

Relevant Coursework includes: Intro to program design concept, Data structures and algorithms, Discrete structure computing, Computer organization, Design and analysis of algorithms, Programming languages, Linear algebra 1.

## Experience & Projects

Summer Internship with Legal Shield as a React Developer

Summer 2021

React Developer Intern – Worked with a team of developers building microsites for Legal Shield’s small business product. Participated in daily stand-up meetings and used JIRA to manage development progress. Collaborated with two senior developers to create a portal that gives customers access to they’re product. In the portal we also created dynamically rendered forms based on a given JSON schema. Questions were rendered based on the schema, answers were recorded, then submitted as a JSON object to an API that matches the submitted JSON with the given schema to validate the answers.

Rosemeade Rainforest Aquatic Complex, Carrollton TX

Summer 2017 – Summer 2020

Lifeguard – Required sustained focus and alertness to keep patrons safe. Required teamwork as lifeguards responded to emergencies as a team with assigned roles and responsibilities. Promoted to Morning Head Guard where entrusted with access to facility to open and maintain pool, including responsibility for chemicals.

Scheduling App (In progress)

<https://github.com/sd99park/Scheduler>

A scheduling program built in Python. Built to speed up creating schedules at my old lifeguarding job. Accounts for days off, and schedules people evenly throughout the week to allow for minimal overtime pay. It currently runs through the terminal. In progress developing a web-based front end for this program using React. Future plans include making the back end into an API that can be called in the react app.

## Skills

- Proficient in C++, Python, JavaScript, HTML, and React, with some experience in Scheme and Java
- Used GIT, GitHub, and JIRA, in a professional setting
- Experience with data structures and algorithms. Creative problem solving skills and a preference for working in a team environment that also includes individual responsibility
- Conversational in Spanish
- 6 years Certified as a Red Cross lifeguard with AED, First Aid, and CPR training

## Activities

4 years as a team member on Texas A&M’s Men’s Ultimate frisbee team

- Spent 8-12 hours per week practicing
- Out of town weekend tournaments once or twice a month
- Managed and operated rental vehicles on behalf of Texas A&M club sports for tournament trips out of town