Dylan Harden

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Education

Texas A&M University   Expected May 2023

- Bachelors of Science in Computer Science (3.58 GPA), Minors in Math & Cybersecurity

Relevant Coursework

- Software Engineering, Data Structures & Algorithms, Computer Systems, Design & Analysis of Algorithms, Computer Organization, Programming Languages, Programming Studio

Work Experience

Charles Schwab, *Software Engineering Intern*   06/2022-08/2022

- Collaborated in a Scrum team on an Angular microservice for Schwab Advisor Services to allow advisors to vote on European proxy events for securities in their managed accounts
- Developed UI logic for 3 different types of users (Schwab Employees, Firm Advisors, Firm Security Admins) to enable unique functionality and permissions for each
- Assisted in UI/UX design by critiquing UI design proposals to allow for an intuitive and consistent experience
- Wrote Jasmine tests to validate all functionalities of each user story above an 85% coverage threshold

Projects

TAMU Horticulture Club Tracker   Ruby on Rails, React, Bootstrap

- Semester long Agile project to design and develop a web application that allows the Horticulture Club to track member attendance, and publish events/plant sale information
- Leveraged Ruby on Rails MVC to achieve CRUD functionality across 6 models
- Integrated Google OAUTH to attain secure login for club admins

TravelEZ Travel App   HTML/CSS, Javascript, Nodejs/Express

- Travel agency app which allows users to search for hotels, flights, or destination information
- Integrated 5 APIs into singular backend to achieve wide-ranging functionality

Media Database   Java, PostgreSQL

- Created scripts to clean and post ~500,000 data points from .csv files to database
- Implemented Java Swing GUI and SQL commands to retrieve and display data insights into analyst view with top titles/actors and user view with watch history and recommendations

Dylanharden.com   React, Tailwind

- Designed & developed personal website to showcase various projects and skills

Technical Skills

Languages & Frameworks: C++, Python, Javascript, React, Angular, HTML/CSS, Nodejs, Express, Typescript, Jasmine, Java, Ruby on Rails, PostgreSQL

Tools: Git, Github, Agile Methodologies, Jira/Confluence/Bitbucket, Figma, UI/UX Design, JSON