
ALLY RILLING

allyrilling.com

Education

University of Wisconsin - Madison

Graduation December 2023

- Majors: Computer Science (BS) and Finance, Investment, and Banking (BS)
- Relevant Business Coursework: Corporate Finance, Investment Theory, Financial Markets and Economic Activity, Introduction to Finance, Financial Reporting I, Marketing Management, Business Analytics I & II, Introductory Managerial Accounting, Introductory Financial Accounting, Macroeconomics, Microeconomics
- Relevant Computer Science Coursework: Building User Interfaces, Introduction to Human Computer Interaction, Programming I, II & III (Java), Introduction to Algorithms, Machine Organization and Programming, Introduction to Computer Engineering

Experience

Charles Schwab | Westlake, Texas

June 2022 - Present

Technology Intern

Professor Sebastian Plante | Madison, Wisconsin

January 2022 - May 2022

Teaching Assistant

- Assisted in the restructuring of course content to utilize Python for teaching investment theory.
- Wrote practice problems about the time value of money and programming concepts including variables, conditionals, loops, data structures, and running regressions in Python.
- Created multiple 1-3 minute video animations to demonstrate basic programming concepts like variables and lists.

Apple | Madison, Wisconsin

September 2021 - December 2021

Technical Specialist

- Assisted customers in troubleshooting a wide variety of hardware and software issues with their iPhones, iPads, Apple Watches, and AirPods.
- Educated customers during appointments on best practices and helpful tips to improve the experience of using their Apple devices.

Wells Fargo | Minneapolis, Minnesota

June 2021 - August 2021

Technology Intern

- Utilized Selenium to write over 20 UI automation test cases for two different webpages.
- Mapped elements of the webpage to be tested to variables in code using Xpaths so that their attributes could be validated.
- Created a workflow for scanning and validating the contents of auto-generated PDFs.
- Collaborated with a group of six interns in other lines of business to create a presentation about intern networking opportunities.
- Worked in an Agile environment and participated in Scrum ceremonies on two different teams.

iOS Developer

October 2020 - Present

Penguin Workouts / Lightyear - Solar Clock

- Created Penguin Workouts to be a pleasantly designed and user configurable workout app.
- Built Lightyear - Solar Clock as a utility to monitor sunrise and sunset times based on location and calls to a third-party API.
- Designed and wrote the user interface for both apps using Apple's SwiftUI.
- Wrote the backend logic for both apps in Apple's Swift programming language.
- Created icons and marketing materials for both apps using Figma.

Skills and Certifications

Programming Languages

- Java
- Python
- JavaScript / HTML / CSS
- Swift / SwiftUI
- C / C++

Software Proficiencies

- Figma
- Microsoft: Word, Excel, Powerpoint
- G Suite: Docs, Sheets, Slides, Sites
- Apple: Pages, Keynote, Numbers
- IDEs: JetBrains IDEs, Xcode, Eclipse, VS Code
- Git and GitHub

Certifications

- Bloomberg Market Concepts
- Wisconsin School of Business: Excel Proficiency

Extra-Curricular Activities

UW - Madison Track Club | September 2019 - Present
