Ayrton Parkinson – Full Stack Developer

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Github: https://github.com/ayrt-n | Personal Portfolio: https://www.ayrtonparkinson.dev

Skills

Programming Languages: Ruby, Ruby on Rails, SQL, HTML, CSS, JavaScript
Technologies and Other: Git, Object-Oriented Programming, Test-Driven Development, Data Structures and Algorithms, Systems Design, Full Stack Web Development

Personal Projects

Social Media Web Application | Ruby, Ruby on Rails, HTML, CSS, JavaScript   *June 2022*
Github Repo: https://github.com/ayrt-n/odin-facebook-clone
Live on Heroku: https://facebuddies.herokuapp.com/

- Built large portion of core Facebook functionality (e.g., Friend System, Posts, Comments, Likes), from database structure and systems design to frontend user interface; allowing users to share, comment on, and like posts and photos with friends
- Wrote tests for backend and frontend features to ensure the application continued to work throughout development and minimize the potential for bugs in production
- Login and user authentication including option to sign in with Github account using OmniAuth2.0
- User uploads stored in cloud via Amazon S3. User emails through Twilio SendGrid API
- Interactive and responsive frontend built with HTML, CSS, Bulma, and JavaScript

Ruby Chess | Ruby   *January 2022*
Github Repo: https://github.com/ayrt-n/odin-chess
Live on Replit: https://replit.com/@ayrtonomics/CLI-Chess?v=1

- Fully developed game of chess, played through the command-line. Project provided experience solving a challenging, broadly scoped problem from start to finish
- Used object-oriented design principles to keep code clean and modular. Used test-driven development to implement and refactor game features safely and efficiently and minimize the potential for bugs in production
- Added ability to save and load games by serializing and deserializing objects into JSON

Frontend App Store Landing Page | HTML, CSS   *December 2021*
Github Repo: https://github.com/ayrt-n/odin-admin-dashboard
Live on Heroku: https://ayrt-n.github.io/odin-admin-dashboard/

- Recreated frontend design for dashboard landing page for a file sharing/app store web application using HTML and CSS; utilized Flexbox and CSS Grid for the layout and structure

Work Experience

Canada Deposit Insurance Corporation | Ottawa, ON   *October 2020 – Present*
Risk Manager

- Currently managing a portfolio of medium- to large-sized banks; researching, analyzing, and presenting key findings and recommendations to senior management and stakeholders to identify, escalate, and address areas of concern
- Developed internal tools in collaboration with data analytics team which helped to improve efficiency in monitoring the economic environment and portfolio; internal tools have been widely adopted and integrated across the organization

Department of Finance Canada | Ottawa, ON   *October 2017 – October 2020*
Economist

- Helped lead analysis and develop models to analyze the impact of economic policy to support the Minister of Finance with timely, well-informed research and advice; including policy proposals with significant financial implications ($100M+)
- Presented research and analysis to varying audiences, tailoring technical communications to the audience requirements

Education

The Odin Project | TheOdinProject.com   *August 2021 – Present*
Online Full Stack Coding Curriculum

Master of Arts in Economics | Queen's University   *August 2016 – August 2017*
Kingston, ON