Ron Gorai

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EDUCATION

Stevens Institute of Technology | Hoboken, NJ

Bachelor of Science in Computer Science   *August 2018 – May 2023 (Expected)*

GPA: 3.64 | Awards: Edwin A. Stevens Scholarship | Dean's List: F18, S19, Sum20, S21, F21

SKILLS

Software: Visual Studio Code, GitHub, Linux, Postman, SalesForce, Travis CI, Swagger, Microsoft Azure DevOps, Android Studio

Programming: JavaScript, React JS/TS, Python, Git, Java, C/C++, MongoDB, HTML, S/CSS, CLI, Vim, Kotlin

Relevant Coursework: Algorithms, Programming Languages, Systems Programming, Operating Systems, Data Structures, Discrete Structures, Software Development Process, Computer Architecture, Database Management Systems, Concurrent Programming, Web Programming

Speaking Languages: Bilingual in English and Bengali; Spanish (Conversational)

Interests: *Music*: Guitar, Audio/Video Equipment; *Sports*: Snowboarding, Bowling, Ping Pong

PROJECT EXPERIENCE

Personal Website

Public MERN Stack Application   *December 2021 – April 2022*

- Developed codebase and UI/UX on my own
- Designed code structure in a team-oriented fashion
- Learned how to prepare web application for deployment with Heroku and Google Domains
- Utilized Google ReCAPTCHA API and DOM Purify package as forms of security

Web Programming Final Project: MovieHub

Local MERN Stack Application   *October – December 2021*

- Learned how to build a full-stack application with React, Express, and MongoDB
- Used JWT to manage user sessions and protect certain server actions
- Helped groupmates understand how React works and why we should use/learn it over Handlebars (course-taught)
- Took charge and divided project tasks between groupmates based on strengths and interests
- Managed dev ops and code quality on par with industry standards

PROFESSIONAL EXPERIENCE

NeuraFlash | Burlington, MA

Software Developer Co-op   *January 2022 – Present*

- Rebuilt an internal tool that helps developers working with Salesforce Einstein Bots create JSON payloads to enhance their bots' UI
- Designed system for the application where forms for each type of payload are generated automatically by a seed object, utilizing recursion to parse and render values nested in the seed
- Created syntax similar to MongoDB query operators to override certain features of the form generation, like what kind of element is generated for a certain seed value
- Wrote Python scripts to parse JSON and CSV data for company clients

IBM | San Jose, CA

Front-End Developer Co-op   *May – August 2021*

- Created and improved various UI components with React JS
- Used Python and Swagger to test JSON payloads and improve backend API error handling
- Researched testing platforms for React projects such as Jest, Puppeteer, and Cypress
- Wrote unit and integration tests with Cypress and created documentation for others to do the same
- Set up Travis CI build with Cypress integration

ZAIS Group | Holmdel, NJ

Technology and Analytics Co-op   *February 2020 – May 2021*

- Wrote Python scripts to scrape ESG data from various websites
- Created responsive UI components with Node and React
- Connected JSON-formatted server data to web-application UI using JavaScript and React
- Fabricated designs from graphics to UX
- Conducted user integration testing with Cypress