RYAN GEHAN

Hamilton, NJ | (609) 358-3093 | rgehan27@outlook.com | github.com/rjgehan | linkedin.com/in/ryan-gehan/

EDUCATION

Loyola University Maryland   **Baltimore, MD**
Bachelor of Science - Computer Science, Minor in Data Science   **May 2024**

Relevant Courses: Computer Engineering, Object Oriented Software Design, Cryptocurrency and Blockchain, Computer Systems, Discovering Info in Data, Algorithm Analysis, Data Management and Database Systems, Operating Systems, Mobile App Development, Software Engineering, Cybersecurity and Digital Forensics

WORK EXPERIENCE

Rockport Solutions LLC   **Richboro, PA**
Product Development Intern   **July 2023 - August 2023**
- Developed custom tools to generate JSON documentation, consolidating data from various systems for efficient access and analysis.
- Utilized Angular to construct a web-based data storage platform and implemented a custom API using Node.js for effective data management and retrieval.
- Assisted in testing system upgrades, ensuring its stability and functionality from both an admin and an end user standpoint to meet client needs.

ACADEMIC PROJECTS

Web-Based Casino with Crypto Integration https://github.com/ryangehan/CS489-Casino   **Spring 2022**
Skills: Javascript, Solidity, CSS, HTML, React.js, Node.js, Git
- Developed a React.js web application using Node.js emulating a casino environment allowing users to play casino games with test Ethereum.
- Established a connection between a Solidity smart contract and users' MetaMask wallets through our webpage enabling them to deposit or withdraw test cryptocurrency.
- Designed and developed an engaging user interface using HTML and CSS and created functionality for various casino games using Javascript including Blackjack, Roulette, Slots, and a Lucky Wheel.

GreyHoundGrub Food Delivery IOS app https://github.com/jfmerlino/GreyhoundHub   **Fall 2023**
Skills: Swift, Javascript, Node.js, Git
- Lead Developer on a project to develop an iOS app for campus-wide GrubHub order and delivery integration, enhancing dining convenience for students.
- Employed Swift to architect a user-centric interface, facilitating a seamless and efficient food ordering and delivery experience.
- Designed a robust Node.js API to securely handle user data and order processing, significantly improving operational efficiency. Hosted the solution on Google Firebase for scalable and reliable service.

SKILLS

Programing Languages: Python, Javascript, Java, C, C#, C++, Swift, Solidity, SQL, HTML, CSS, Assembly
Proficient Software Libraries: React.js, Node.js, Git, Angular, Pandas, Matplotlib, NumPy, SciPy, Regex, BeautifulSoup, Seaborn, Maven
Other: Microsoft Excel, Microsoft Visio, Tableau, SAS Data Enterprise Miner, Logisim, Oracle Apex, Adobe Photoshop, Unity
Methods: Agile, Scrum, XP, Waterfall

EXTRACURRICULARS

Institute of Electrical and Electronics Engineers (IEEE)   **September 2022 - May 2024**
Participated in weekly group meetings focused on programming and electrical activities including utilizing Arduinos to complete tasks such as configuring an LED screen.