ROHAN ROBINSON

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EXPERIENCE

Avanade (Joint Venture between Microsoft & Accenture), Chicago, IL   **Aug. 2021 - Present**
Software Engineer
- Extended functionality of a sales application for a Large Automotive Client supporting 2500+ locations nationwide
- Created APIs and related C# Classes to handle tens of thousands of daily digital receipt and related transactions
- Rewrote parts of the User Interface to make it easier for a user to find a customer's account information, decreasing average transaction completion time by 25%
- Refactoring portions of Application from C++ to C# to take advantage of various Cloud/API tooling (Azure, Mulesoft, etc.)

Digital Applied Learning and Innovation Lab (DALI), Hanover, NH   **June 2020 - Aug. 2020**
Software Engineer Intern
- Built customizable data collection software part of a clinical study impacting over 100 patients with mental illness across 5 hospitals in the New England area
- Used React and Redux on front-end to make user interface and stored patient information with HIPAA-compliance in Firebase database
- Link: https://peertechpro.org

Digital Applied Learning and Innovation Lab (DALI), Hanover, NH   **Jan. 2020 - March 2020**
Software Engineer Intern
- Created a new term scheduling software for 4000+ Dartmouth students integrated into the campus wide DartHub web application
- Improving scheduling time by 250% for selection-based college-designated requirements, and error-handling functionality to prevent mis-completed schedules from being sent to the Campus Registrar
- Presented weekly updates to stakeholders (Campus Technology Team, Campus Registrar) weekly with updates on the user roadmap, product progress, and current debugging tasks
- Link https://www.thedartmouth.com/article/2022/03/applications-designed-by-students-seek-to-simplify-d-plan-selection-and-storing-dartmouth-contact-information

EDUCATION

Dartmouth College, Hanover, NH   **Sept. 2018 - June 2021**
Bachelor of Arts, Major in **Computer Science**

Relevant Coursework: *Data Structures, Linear Programming, Machine Learning, Discrete Math, Algorithms*
Data Science for Health, Security & Privacy, Human-Computer Interaction, Data Mining and Knowledge Discovery

SKILLS

Software: C#/.NET, C++, Python, JavaScript, Git, HTML/CSS, ReactJS, NumPy/Pandas, Azure Cloud, IBM Watson Cloud
Other: Figma UI/UX Prototyping, Database Design/Schema Modeling, SQL Querying

PROJECTS

Clari Web Application
- Lecture Note Summary and Translation Tool for International College Students
- App takes a professor's English lecture text and summarizes/translates to the user's foreign language
- Created with Django, use relevant Machine Learning & Natural Language Processing APIs provided by IBM Watson Cloud
- Link: https://github.com/rohanrobinson/clari

Athena Philosophy Web Application
- Mental Health Platform that Matches a User with Relevant quotes based on their Thoughts and Feelings
- Includes a onboarding survey, interactive tools with various philosophies, and a search bar to get quotes
- Built using React, Node, MongoDB, and Python APIs related to Natural Language Processing
- Link: https://athena21w.surge.sh/

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What You Doing Right Now? Web Application

- Simple Social Reminder App to help users update and see what their Friends are doing
- Has functionality to change and view status updates and also organizing/view events from all users
- Made with basic HTML, CSS, and JavaScript
- Link: https://wyd-rn.surge.sh