

ROHAN ROBINSON

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EXPERIENCE

Avanade (Joint Venture between Microsoft & Accenture), Chicago, IL

Aug. 2021 - Present

Software Engineer

- Extended functionality of CRM 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 75%
- Refactoring portions of Application from C++ to C# to take advantage of various Cloud/API tooling (Azure, Mulesoft, etc.)
- Link: <https://avanade.com>

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
- 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 user personas, product roadmap, 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 AND INTERESTS

Software: C#/.NET, C++, Python, JavaScript/Node, Git, HTML/CSS, React/Redux, NumPy/Pandas, Azure Cloud, Firebase

Other: Figma Prototyping, SQL Querying

Domains of Interest: Healthcare, Biotechnology, Medicine, Customer Growth, Product Thinking & Strategy

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 Users with Relevant Quotes based on their 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 and Machine Learning
- Link: <https://athena21w.surge.sh/>

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What Are 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 HTML, CSS, and JavaScript
- Link: <https://wyd-rn.surge.sh>