ROHAN ROBINSON
FULL STACK SOFTWARE ENGINEER, FOCUSED ON HEALTH/BIOTECH
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RELEVANT EXPERIENCE

Avanade (Microsoft & Accenture Partnership)   **Aug. 2021 - Present**
Software Engineer

Genomics Company based in Mexico

- Contributed towards a TypeScript app resulting in a highly scalable and responsive web application with a smooth user interface and navigation

- Created ETL pipelines in Azure Data Factory for survey data and FHIR standard resources

- Collaborated across disciplines to identify and implement new features and fix bugs in a timely fashion

Pharmaceutical Division of a Large Retail Client

- Developed a scalable RESTful API using Spring Boot Java Framework that returned Top Comorbidities associated with a given Condition based on EMR data representing 54 million patients

- Integrated third-party services and databases leveraging Spring Data JPA and Hibernate ORM to simplify data access and performance

Large Nationwide Automotive Client

- Created APIs and related C# Classes to handle tens of thousands of daily digital receipt transactions

- Rewrote WinForms user interface to make it easier for a user to find a customer's account information

- Tested, coded, reviewed, and delivered software with 99% on-time service availability

Digital Applied Learning and Innovation Lab   **June 2020 - Aug 2020**
Software Engineer

Peer Tech Pro

- 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

- Implemented UI with React, handled global state with Redux, and stored patient information with HIPAA-compliance in Google Firebase

Dartmouth Information Technology Services

- Created a new term scheduling software for 4000+ Dartmouth students integrated into the campus wide DartHub web application

- Improving scheduling time by 85% 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

EDUCATION

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

Relevant Coursework: Data Science for Health, Neuroscience, Machine Learning, Genetics, Cell Biology, Web Development, Linear Algebra and Applied Statistics, General Chemistry, Object Oriented Programming and Data Structures

PERSONAL PROJECT

Let's Go Biotech
- Level up your Knowledge in Biotech through Reading Awesome Papers and taking Engaging Quizzes
- Biotechnology Quiz Application for Students and People Curious in Applying the Science of Life
- Written in JavaScript using Next.js Framework and Deployed with Vercel