Ravneet Kaur

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Skills

Programming Languages: Python, Java, C, JavaScript (ES6+), HTML / CSS, Visual Basic, SQL, SAS
Frameworks & Libraries: React.js, Node.js, Bootstrap, Firebase, Pandas, Scikit-learn, Terraform
Tools: Microsoft Azure, AWS Lambda, Google Cloud Platform, Alexa Skills Kit, Git, Bash, Adobe Illustrator, New Relic

Relevant Work Experience

Software Engineer Co-op – Cloud Team • Manulife • Waterloo, Canada   Sept 2020 – Present
- Building a data plane using various Microsoft Azure services, Azure REST API, and New Relic to extract, clean, and visualize data to provide insight on Manulife's infrastructure on cloud to senior leadership, architecture team and various teams within the Canadian Division
- Automating creation of Azure Data Factory infrastructure via Terraform to simplify the user experience

Data Scientist Co-op • RBC Insurance • Mississauga, Canada   Jan 2020 – Apr 2020
- Automated the manual process of re-assigning orphaned leads to advisors based on a selection criterion. This process improved productivity by 60% and reduced manual time spent to re-assign by 50%
- Developed a predictive model using Python to identify clients to target for RRA/PA Acquisition Campaign who are most likely to buy and keep the product for at least a year
- Aided the team with migration from IBM Netezza to IBM IIAS

Innovation Developer Co-op – Voice & Web Application • Sun Life • Toronto, Canada   May 2019 – Aug 2019
- Worked on an agile team to design, develop, test a new voice feature with a card on Alexa and Google Assistant
- Created a push-to-call prototype for Sun Life GRS/GB websites using React and Twilio API to reduce call-centre authentication times by 50%
- Generated viable ideas, developed over 5 prototypes with design-thinking principles, and presented working software to business leaders and stakeholders on a bi-weekly basis

Work Experience

Teaching Assistant & Marker • Wilfrid Laurier University • Waterloo, Canada   Sept 2018 – Present
- Introduction to Programming (CP104) & Data Structures I (CP164) – 1st Year Computer Science courses
- Windows Application Programming (CP212) – 2nd Year Computer Science course

Projects

MyLaurier • Android Studios, Firebase, Google Maps API
- Mobile application built using Google Maps API and Firebase that integrates various university resources in one place

Web Document Classifier • BeautifulSoup (Python), Scikit-learn, Naive Bayes
- Application that gathers web documents on the chosen topics, and uses the Naïve Bayes classification algorithm to categorize them into certain categories

Booking Appointment – Voice Skill • JavaScript, Node.js, Google Calendar API
- Allows the user to book and save an appointment with their specific dentist using their Google Assistant device

Personal Portfolio • HTML, CSS, JavaScript
- First iteration of my personal portfolio, built with HTML, CSS, JavaScript, Particle.js

Education

B.Sc, Computer Science (Co-op) • Wilfrid Laurier University   Expected Aug 2022
BBA, Business Administration, Finance (Co-op) • Wilfrid Laurier University   Expected Aug 2022
- Relevant courses: Data Structures, Algorithms Design & Analysis, Operating System, Artificial Intelligence, Database I
- Awards: Entrance Scholarship ($2000), Finalist - IKEA Sustainability Challenge, 3rd Place - TD Live Case Competition