

GAGAN BHATIA

Gbhatia880@gmail.com ▪ linkedin.com/in/gbhatia30/ ▪ github.com/gagan3012

EXPERIENCE

Research Assistant – Qatar Computing Research Institute

December 2020 – February 2021 | QA

- Research assistant under Dr. Mohamed Nabeel Yoosuf at the Cyber Security department
- Built an ML Classifier to classify phishing Cryptocurrency websites using Random Forest
- Designing Deep-Learning LSTM system to enhance the model

Lead Machine Learning Engineer – Omdena

September 2020 – February 2021 | CA

- Built a Google Search Grants Analysis using Apify, SpaCy, Transformers, and SOTA NLP
- Designed a Content-based recommendation system using the Facebook StarSpace and FastText Word embeddings
- Promoted to Lead ML Engineer at the end of the project.

Machine Learning Developer – NNECT

September 2020 – December 2020 | CA

- Implemented recommendation system to recommend personalized activity feed with 95% accuracy
- Engineered backend reservation system for ease of development using Flask and
- Fixed bugs in fronted UI to improve performance by 25%

Software Engineering Intern – Open Water Accelerator

August 2020 – December 2020 | CA

- Improved payments schema making it more efficient using MongoDB and Stripe connect
- Implemented custom login feature which increased user interaction by 50%
- Created an Ethereum based blockchain app using Digital Ocean

Software Engineering Intern – Equinox Information Services

June 2020 – August 2020 | UK

- Prepared Reddit sentiment pipeline for stock market prediction with NLP with a 95% accuracy
- Displayed results with React.js and released it to multiple Fortune 500 Clients

EDUCATION

University of British Columbia – Class of 2022

- BSc. Electrical and Computer Engineering
- UBC Engineering Co-op
- Machine Learning Team Member of UBC BEST

SKILLS

- **Proficient in:** Python, JavaScript, Node.js, C, Golang, Docker, Hadoop, React.js
- **Worked in:** Swift, SQL, React.js, Amazon Web Services, C++, Java, MongoDB, Git, RESTful and TCP web services
- **Interests:** ML/AI Research, Deep Learning, Web Development

PROJECTS/CERTIFICATIONS

AWS Certified Developer – Associate – Amazon Web Services

June 2020 | WA

- Spearheaded 15 mini projects to practice usage of AWS Lambda, DynamoDB, Elastic Beanstalk, EC2, Sagemaker and S3

Other Projects

- Open-source contributor at Login Radius: Created Auth demos using Go Gin, Fiber, Martini and Echo Frameworks
- Programmed a Blood sugar prediction engine using ML, tested it with RMSE, MARD to get 92.5% accuracy
- Winner of BCREGMED Hackathon: Project aimed at creating a mouth-controlled assistive device for quadriplegic individuals to remote control an RC quadcopter
- Built a Right-wing News Generator using PyTorch and Transformers using a Finetuned GPT-2 Model

LEADERSHIP/OTHER

Google Developer Student Club UBC – President and Founder

2020 - 2021 | UBC

- Hosted 25 events and workshops in 8 months to empower the tech community at UBC
- Led a team of 20 students as core team and gained 500 members in 3 months

Other

- Mentored participants at MLH Summer League and Moderated chat for online hackathons
- Delivered 3 Mental health talks to high school students and Motivated them to work towards their goal