

Himika Dastidar

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Work Experience

Garmin Software Quality Assurance Intern Jan 2021- December 2021
Pytest, Python, Octane, JIRA, Git, Jenkins

- Built automated CI/CD pipeline to run various jobs using Jenkins
- Automated manual tests and tasks using Python scripts, bash scripts, Selenium and Appium
- Coordinated and customized product acceptance tests for 3-5 interns based on requirements
- Reviewed, synthesized, and reported test results to product and platform tech teams

Benevity Software Developer Intern May 2020 – Aug 2020
PHP, Agile, Mac CLI, vueJS, Python, Git, Docker, JS/HTML/CSS

- Created a recommendation system to match customer with volunteering opportunities using Python and developed a proof of concept at scale using AWS SageMaker
- Collaborated with a team of full-stack developers to maintain an existing SaaS application by creating, testing, and delivering new features and addressed bugs

Projects

Mentorship Application Portal Big Brothers Big Sisters of Calgary Sept 2020- June 2021
JavaScript, NodeJS, vueJS, Firebase

- Delivered a full-stack web application that is currently used across Alberta to Big Brothers Big Sisters of Calgary to improve the process of onboarding mentors
- Hired on as a contractor to support application further while it is undergoing beta-testing
- Github link: <https://tinyurl.com/2p8jext9> , YouTube Demo: <https://tinyurl.com/3jpuhyju>

Mindful App
Swift, Firebase

- Developed a Swift app to track daily mood and activity on a calendar
- Learned to work with swiftUI and integrate Firebase
- Github link: <https://tinyurl.com/yjcjc8vh> , YouTube demo: <https://tinyurl.com/2p852rwu>

Clubs and Hackathons

Information Security Club University of Calgary Sept 2019- April 2020
Python, Kali Linux, Linux CLI, Cryptography, CTF

- Delivered Cryptography workshop to students, interviewed and hired six junior executives
- Hosted weekly capture the flag style competitions to teach information security concepts

Competitive Programming Club University of Calgary 2019-2020
Python, Java

- Solved problem sets under time constraints while optimizing for time and space-complexity
- Improved problem-solving skills, and learned to code efficiently in Python and Java

Hack The Change Hackathon

University of Calgary

2021

ReactJS, Firebase

- Created a proof-of-concept application that gamifies making your own mental health a priority using a virtual companion called Tama-got-u
- Winner of the Hack-the-Change 2021 Hackthon and awarded \$2500 to donate to a charity of choice
- Github link: <https://tinyurl.com/ycx48bna>

CalgaryHacks Hackathon

University of Calgary

2019

Python, Java, Raspberry Pi, JavaFX

- Created a proof-of-concept application that scans barcodes and outputs whether an item is reusable, recyclable, compostable or trash in 24 hours with two other first-year students
- Placed 3rd in the CalgaryHacks Hackathon among 60+ teams

Education

Bachelor of Science in Computer Science

University of Calgary

2018 – 2022

- Successfully applied for grants to attend conferences with focus on diversity and inclusion in the field of Computer Science such as CAN-CWIC and Grace Hopper Celebration
- Learned about current trends in technology and met successful women in industry

Master of Science in Cancer Biology

University of Calgary

2016

- Published 3 peer-reviewed articles in reputable academic journals such as Nature and Cell
- Awarded 3 travel grants and 3 scholarships in 3 years, awarded the best MSc student in 2014

Bachelors of Health Sciences (Hons)

University of Calgary

2012

- Successfully applied for summer studentships to conduct summer research in genetic engineering and presented it in national and international competitions (iGEM)
- Awarded stipend to travel to Imperial College, London, UK to conduct in cancer research

Other Work Experiences

Emergency Communication Officer

City of Calgary

2017- 2021

- Call evaluated for EMS, Fire and Police service for the City of Calgary and Rocky View County
- Critically analyzed and tactically responded to callers to reduce harm, de-escalate situations and obtain adequate and relevant information for responders
- Maintained a calm and compassionate demeanor with callers in high stress situations such as overdosing, administering CPR over the phone and de-escalating situations involving weapons

Teaching Assistant

University of Calgary

2012-2013

- Successfully wrote grants and received \$35000 in funding for an undergraduate project
- Lead a team of 12 students to an international synthetic biology competition in Boston, MA
- Mentored students, helped them to troubleshoot technical biology experiments, organized team to deliver project milestones
- Won the best Food and Energy project in an international Genetically Engineered Machine (iGEM) competition among 100s of national and international teams in Boston, MA