Sooraj Modi

Curriculum Vitae
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Professional Summary

A passionate software developer currently completing my bachelor's degree in computer science. Proven leader with creative problem-solving skills. Always looking for opportunities to improve and grow as both a person and a professional.

Core Skills

- Experienced with the following programming languages
  - C
  - Java
  - Python
  - Fortran
  - Elixir
  - C++
  - Javascript
  - SQL
  - Ada
  - Cobol
- Familiar with agile methodologies and extreme programming
- Version control systems such as GitHub and GitLab
- Effective leadership, management and interpersonal skills
- Creative thinker and problem-solver with an emphasis on sustainable solutions.
- Strong communication skills and collaboration skills.

Education

Bachelor of Computing, University of Guelph   2016 – Present
- Majored in Honours Computer Science.
- Completed courses include Data Structures, Object Oriented Programming, Software Systems Development and Integration, Discrete Structures in Computing, Analysis and Design of Computer Algorithms, Operating Systems, Social Implications of Computing, Software Analysis and Design in Applications, Software for Legacy Systems and more.

International Baccalaureate Diploma, Cameron Heights Collegiate Institute   2012-2016

Ontario Secondary School Diploma, Cameron Heights Collegiate Institute   2012-2016

Work Experience

Student Software Developer, Bell   April 2018 – August 2018
- Worked as a member of the development team to help program the backend for Bell's Smart City Project.
- Utilized agile methodologies by attending daily stand-ups, sprint planning, demos, retrospectives and backlog grooming with the team.
- Collaborated with the development team in a mob setting to develop features and functionality for the Smart City Project based on customer feedback in a test-driven approach.
- Consolidated information discussed by the team into Confluence and Trello.
- Identified issues during team retrospectives and provided relevant ideas to make changes and improvements.
- Used version control systems such as GitHub and GitLab.

Office Assistant, ACRP Ltd   April 2017 – August 2017
- Generated documentation for ACRP products including user guides, electrical schematics, pneumatic schematics, troubleshooting tips, and more.
- Aided to certify the company in accordance to ISO 9001:2015 regulations for quality management systems.
- Helped in day-to-day activities within the company.
- Electrical work for products under development.
- Programmed products under development using CX Programmer.

Tutor, Kumon   September 2014 – September 2016
- Educated students on various math concepts, from basic math, addition, subtraction, to more advanced math, fractions, algebra and calculus.
- Advised students when they have difficulty or problems with their work.
- Evaluated and recorded completed student work.
- Aided in training new employees.

Volunteer Experience

President, Society of Computing and Information Science (SOCIS)   April 2019 – Present
- Led the executive team.
- Delegated administrative and other tasks within the executive team.
- Acted as a chair for general and governance meetings.
- Represented Society of Computing and Information Sciences at the School of Computer Science Council Meetings.
- Led collaborations with other clubs at the University of Guelph.
- Planned and organized events for students to partake in, that met all safety requirements.
- Oversaw budgets and financial decisions relating to the club.

Executive Member, Jack.org   January 2019 – Present
- Collaborated with a team to organize and run events aimed in reducing stigma towards mental health.
- Designed posters and promoted events across campus.
- Attended weekly meetings.

Student Senator, University of Guelph   September 2018 – Present
- Bachelor of Computing Representative for the University of Guelph Senate.
- Evaluated and voted on new school policies.
- Held a seat on the compulsory fees committee as a Student Senator.
    o Aided in managing the Student Life Enhancement fund and advised on its distribution to University of Guelph clubs and organizations.

Vice President Internal, SOCIS   April 2018 – April 2019
- Organized and ran events for members to attend and participate.
- Directed and led internal committees.
- Represented the club at external committees.
- Led collaborations with other clubs at the University of Guelph.
- Managed the budget and acquiring funding to run events.
- Promoted events to students through social media and other platforms.
- Designed and organized merchandise.
- Ensured events met the requirements for student and event risk management, and all necessary paper work was completed
- Prioritized accessibility of events, and ensured students regardless of disability, were able to participate.

Orientation Volunteer, University of Guelph   September 2017 and 2018
- Aided in operations during o-week.
- Supported and guided new students at their first week in University.
- Helped to run events throughout campus.
- Set-up and moved equipment for events across campus.