Damandeep Singh Bawa

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PROFESSIONAL PROFILE

- 3.5 years of experience in object-oriented programming and scripting.
- Programmed scalable projects with tests and documentation for easy maintenance and upgradation.
- Experienced working independently and with teams in work environment.

SKILLS

Technical

Adept: Python2, Python3, Java, HTML5, CSS3, VisualCode, Windows

Proficient: JavaScript, jQuery, AJAX, Django, Git, BitBucket, C, Ubuntu/Linux, SQL, MS Suite

Professional

- Organised under pressure
- Strong problem solver
- Coordinates well in teams
- Self-motivated
- Great communicator
- Passionate to learn

PROJECTS

Automated data extraction (*Python3, iPython, Pytest, BitBucket, Black, VisualCode*)

- Automated extraction of data from pdfs to excel template.
- Worked with geologists to gather their needs and wants, researched alternate options and methods.

Timetable Builder (*Python3, Git, HTML5, CSS3, JavaScript, jQuery, AJAX, Django, REST API*)

- Recommends suitable course sections when given user's needs (courses etc.).
- Designed a browser GUI which coordinates with back-end REST API implemented in Django.

Autonomous Cable Connector (C, Vex-kit, electrical components)

- In a team of 3, built and programmed a robot capable of connecting cables from source to target autonomously.
- Gathered requirements for software, designed and tested it rigorously, and, designed custom electrical sensors based on teams need.

WORK EXPERIENCE

Software Developer Coop, *Purple Rock Inc*, Victoria   May 2019 - Current

- Worked on Automating data extraction with Python.
- Followed style guide, wrote good tests and documented well, making a scalable and maintainable project.
- Worked independently and in team.

General Worker, *University Food Services*, Victoria   Oct 2018 - April 2019

- Kept dish room organised with a team in fast-paced environment and solved guests' troubles.
- Occasionally, lead team and coordinated with managers to fulfil current needs.

EDUCATION

Bachelor of Software Engineering (7.71/9)   Graduation: 2023

University of Victoria, Victoria, British Columbia

High School Diploma   Graduation: 2018

Presidium School, Ghaziabad, Uttar Pradesh

ACHIEVEMENTS

- Achieved rank 1437.5 out of 4,623 students in Putnam Math Competition 2018.
- Ranked less than 25000 in JEE Mains and less than 22000 JEE Advanced out of 1.5 million and 230 thousand examinees respectively, in year 2018.
- Served as the captain for school chess team.

REFERENCES

James Barlow, P. Eng., Director   Bruce Nguyen, Supervisor I

Purple Rock Inc, Victoria,   University Food Services, Victoria

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