SU YOUN JEON

SOFTWARE DEVELOPER

206 Moneypenny Place,
Thornhill, ON L4J 0K9

647-883-7520

sjeon1006@gmail.com

PROFILE

Motivated and results-oriented Computer Science professional with a strong academic foundation and hands-on experience in software development. Proficient in Python, JavaScript, and React with a solid understanding of algorithms, data structures, and software engineering principles. Demonstrated ability to design and implement innovative solutions through successful project leadership. Experienced in developing interactive web-based applications and platforms, collaborating effectively with cross-functional teams. Currently seeking opportunities to leverage my technical expertise and collaborative skills in a dynamic company where I can contribute to impactful projects and further my professional growth.

LINKS —

- Portfolio
- LinkedIn
- GitHub

EDUCATION —

Bachelor of Science in Computer Science, Oregon State University (Corvallis, Oregon)
June 2022 – Present
- Expected to graduate August 2024
- Current GPA: 3.76/4.0

Certificate, University of Toronto (Toronto, ON)
May 2020 – Aug 2020
- Certificate - Full Stack Web Development Bootcamp

Bachelor of Science, York University (Toronto, ON)
Sep 2015 – Jun 2019
- Specialized Honours Program (Pharmaceutical & Biological Chemistry)

EXPERIENCE

Web Production Artist
TVOntario, Toronto, ON
May 2021 – Oct 2022
- Created interactive web-based online courses for elementary and secondary school subjects to be used by the Ministry of Education in Ontario, Canada.
- Developed layout and arrangement of graphics for online use using HTML, CSS and JavaScript in the Virtual Learning Environment.
- Collaborated closely with other web developers, Learning Experience Designers, and Curriculum Specialists to build the learner's experience for ILC online courses.
- Fixed bugs highlighted on the organizational issue boards for specific courses. Completed 2 years' worth of issue board tickets in just 2 months.
- Ensured course quality and an engaging learner experience.
- Developed layout and arrangement graphics for print use.

Undergraduate Research Assistant
York University, Toronto, ON
Sep 2018 – Aug 2019
- Used Gaussian software to perform qualitative and quantitative analysis of stability of bimetallic clusters.
- Generated molecular models to predict energies, molecular structures, spectroscopic data (NMR, IR, UV index, etc) and helped produce reports outlining results.
- Performed routine data analysis to correct and verify data entry.
- Interpreted and analyzed research data to draw conclusions and outcomes.
- Assisted with writing and editing experimental results for publication.
- Generated summaries of research findings through the preparation of fact sheets, tables, and graphs.

SKILLS —

- Python
- JavaScript
- C
- C++
- Raku
- Ruby
- Racket
- Prolog
- HTML / CSS
- React
- Node.js
- Express
- MySQL
- MongoDB
- SQL Server
- Scrum, Kanban, CI/CD
- Git version control
- Software architecture and design patterns
- Linux/Unix
- Data structures
- Algorithm design and analysis
- Socket Programming
- API Development

PROJECT

CheckersGame
- Developed a Python-based Checkers game with customized rules. The game supports both command-line and graphical user interface (GUI) versions, allowing two players to compete by moving pieces diagonally, capturing opponent pieces, and promoting pieces to kings and triple kings.
- Github: [Checkers Game](#)

Express Mart
- Developed a comprehensive web-based user interface (UI) to facilitate Create-Read-Update-Delete (CRUD) functionalities. The UI, built using Node.js and Handlebars, serves content efficiently over the web. The backend is powered by an SQL-driven database (MariaDB), ensuring robust data management and retrieval.
- Implemented features aimed at enhancing user experience and interface responsiveness.
- Github: [Express Mart](#)

Song Criminal Defence
- Developed and maintain the Song Criminal Defence website for a criminal defence lawyer establishing a law firm in Toronto, Ontario. Responsibilities included strategic SEO planning with competitive keyword research and continuous optimization through on-site and technical SEO efforts. Successfully implemented and managed Google Ad campaigns, resulting in immediate impact and sustained organic lead growth.
- Website: [Song Criminal Defence](#)

TCP/IP Programming
- Developed a network uptime monitoring tool using TCP/IP protocols. It includes a monitoring service for continuous server checks and a management service for configuring and managing these tasks. The project supports various services (HTTP, HTTPS, ICMP, DNS, NTP, TCP, UDP), along with an echo server and client for TCP communication.
- Gtihub: [TCP/IP Programming](#)

REFERENCES

Derek Smith, Production Manager at TVO
- dsmith@tvo.org

Nauman Chaudhry, Professor at Oregon State University
- chaudhrn@oregonstate.edu

Rene Fournier, Professor at York University
- renef@yorku.ca