



# Prateek Singh Arora

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## Technical Projects

### Personal Portfolio Website

Jan 2024 - Feb 2024

- Demonstrated proficiency in HTML, CSS, Bootstrap, and JavaScript to construct and deploy a personal website, enhancing professional online visibility
- Implemented dynamic JavaScript elements, which increased interactive user experience and site functionality
- Curated a comprehensive portfolio of projects and skills, facilitating a clear demonstration of personal and professional development in computing science and other areas
- Leveraged efficient CSS styling techniques to minimize page load times, resulting in a 30% improvement in website performance metrics.
- Live at prateek-arora.com, and code hosted on GitHub

### React-based AI Application: ScholarSprint

Sept 2023 – Dec 2023

Undergraduate Course: Introduction to Software Engineering

- **Collaborated in Student-Led Team:** Developed a React-based AI application to streamline academic research, securing a 92.7% course grade through innovative UI design and API integration.
- Integrated AI APIs into React framework for a user-centric, efficient academic paper retrieval system, enhancing research efficiency
- Contributed to a dynamic software development team, reinforcing agile methodologies and collective problem-solving competencies
- Enabled rapid sourcing of academic papers, significantly reducing time-to-access for users and bolstering academic productivity
- Code hosted on GitHub

## Relevant Work Experience

### Supervisor

IDP IELTS Canada • Vancouver, BC

July 2022 – May 2023

- **Oversaw** IELTS exams and **managed** sensitive documents, including candidate information and result distribution, highlighting attention to detail, integrity, and confidentiality handling

### Manager at Peer Education

FIC at Simon Fraser University • Burnaby, BC

Jan 2021 – Dec 2022

- **Oversaw** and **designed** the peer mentorship program at FIC, Simon Fraser University, enhancing structure and training, which **resulted** in a 37% increase in mentor sign-up rate and optimized learning experiences
- **Provided** tailored academic support and **implemented** strategic improvements to operations, **fostering** collaborative learning and development, which enhanced efficiency and participant engagement

## Summary of Skills

### Languages

- Proficient in Python, C/C++, JavaScript, HTML, CSS
- Familiar with Golang, C# Java, PHP, SQL

### Technologies, Testing, Operating Systems & Frameworks

- Bootstrap, Tailwind, React (familiar with AngularJS, Next, Gatsby), Linux, Usability Testing, Docker, Object Oriented Programming

### Project Management

- Team leadership, training development, problem solving skills acquired from working as a Peer Education manager

### Other Relevant Skills

- Data Structures and Algorithms (course CMPT 307 completed at SFU)

## Education

### Bachelor of Science in Computer Science

Simon Fraser University, Vancouver, BC

Sept 2020 – current

Recipient	of	Community
Engagement		Scholarship

## Volunteer Experience

### Orientation Leader

- Welcomed international students and led campus tours, enhancing interpersonal communication and cultural sensitivity.