Palbir Minhas

Student at Paul Allen School of University of Washington

🏠 pminhas.tk   ⬤ palbirmin   in li-palbirmin   ✉ psminhas@uw.edu   📞 (206)581-1922

EDUCATION

UNIVERSITY OF WASHINGTON | BS IN COMPUTER SCIENCE AND DATA SCIENCE
Sep 2021 – Current | Seattle, WA

- ➜ Foundations of Computing 1 and 2 • Advanced Data Structures
- ➜ Data Structure and Parallel • The Hardware Software Interface
- ➜ **Cum. GPA: 3.86 / 4.0**

GREEN RIVER COLLEGE | AA IN COMPUTER SCIENCE
Sep 2019 – 06 2021 | Auburn, WA

- ➜ Engineering Physics 1 and 2 • Data structures in Java
- ➜ Calculus 1 - 4 • Linear Algebra • Intro to Business
- ➜ **Cum. GPA: 3.9 / 4.0**

EXPERIENCE

MAKEABILITY LAB @ PAUL G. ALLEN SCHOOL | RESEARCH ASSISTANT
May 2022 – Present | Seattle, WA

- ➜ Collaborating with a team of faculty/students on Project Sidewalk to develop novel methods of collecting sidewalk accessibility data using Google Street View.
- ➜ Fixing bugs and reworked UI features for the lab's flagship project, Project Sidewalk, in order to help users better label/validate sidewalk accessibility issues.
- ➜ Utilizing Scala/PostgreSQL back end and JavaScript/HTML front end.

OPERATIONS ASSISTANT INTERN | WGF TRUCKING
May 2016 – Aug 2020 | Renton, WA

- ➜ Was involved in daily operational tasks including planning of freight; asset utilization; safety management; Department of Transportation (DOT) compliance; driver payroll; Customer Value Delivery; logistics management/analysis.

SOFTWARE PROJECTS

CAMPUS MAP
March 2022 - Current

- ➜ Designed abstract data types Graph and implemented Dijkstra path-finding algorithm in Java
- ➜ Using MVC design pattern to create a web map application allowing users navigate between UW buildings selected by showing a path on the map

UMESSAGE
Dec 2021 - Feb 2022

- ➜ Implemented data structures like AVLTree, HashTable, and various sorting algorithms in Java
- ➜ Built word suggestion, spelling correction, and auto completion for uMessage (chatting software) based on the above implementations.

PERSONAL WEBSITE
Nov 2021 - Current

- ➜ Design, build from scratch, and maintain the website using JavaScript, HTML, CSS,
- ➜ Created an admin panel that manage all website contents and personal services like net-disk and VPN

VOLUNTEER EXPERIENCE

SIKH STUDENT ASSOCIATION OF UW | FOUNDER AND FACILITATOR
Aug 2019 - Current | Seattle, WA

- ➜ We established a student based organization that was made to educate both Sikhs and non-Sikhs on campus all while promoting main tenets of Sikhi. Our goal was to create a safe space for students who identify as Sikh and/or want to learn about the Sikh faith.

RANJEET GATKA AKHARA | TEACHER
Aug 2018 - Current | Kent, WA

- ➜ I teach martial arts to kids from 5-24 years old and host events discussing social injustices, historical events and raise money for the poverty. My team also performs at many events ie. Kent Cornucopia festival parade, Kent and Renton city parades.

SKILLS

PROGRAMMING

Proficient:
C • JavaScript • CSS • HTML

Experienced:
Python • LaTeX • Java • SQL

Familiar:
Shell • Assembly • Bash

Framework:
React • Bootstrap • React Native

Technology:
Git • Azure • Node.js • Unity • MySQL • Docker

BASIC

Planning
Mentoring Students
Ability to lead and work on a team
Strong profile in Microsoft Office Products

LANGUAGES

English • Punjabi • Hindi