**Aakaash Senthilkumar**

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**TECHNICAL SKILLS**

Software: Python, C, C++, HTML, CSS, Java, Microsoft Office, Google G Suite, OnShape, AutoCAD, Bootstrap, NodeJS, Javascript

Hardware: Arduino, Soldering, Drill Press, creating PCBs

**PROJECTS**

**Electro-Technologies - Intermediate Final Project:** Automatic Garbage Disposal Unit

* Determined goals (what we considered as functional), allotted time to complete parts of code, construct the prototype. Worked fast paced due to time constraints Used Arduino board, DC motor, ultrasonic sensor, C#-related programming

**Computer Science- Intermediate Final Project (C++):** Fictional RPG text-based game

* Produced a timeline to distribute all the tasks involved to complete the project, including planning, designing, finishing, revising. Used methods, file streaming, arrays, and error traps

**Computer Science- Advanced Final Project (JAVA):** Tic Tac Toe interface against artificial opponent

* Produced a timeline, used swing library in Java to create a graphic user interface, recursive and iterative algorithms, object-oriented programming

**EXPERIENCE**

**Tecsource International**, LLC May 2022 to Current

**Candidate/Talent Sourcing**

* Posting new positions on job sites like Indeed
* Keeping track of candidates’ status with Microsoft Excel and Google Sheets
* Compare skills of applicants with position’s requirements
* Actively contacting candidates through email and phone and vetting
* Coordinating plans with company, colleagues and candidates

**Canadian University Insiders** – *Calgary, Alberta* September 2021 to Current

**Officer of Procurement**

* Youth-led organization- to aid students decide their post-secondary future-gained an audience of just under 400 followers.
* Conducted research on Canadian universities and transferred data to team responsible for publishing it on Instagram.
* Participated in continuous improvement by generating suggestions, engaging in problem-solving activities to support teamwork. Maintained energy and enthusiasm in fast-paced environment through working on new projects.

**High School Tutors - Non-Profit organization** – *Calgary, Alberta* October 2020 to Current

**Co-Founder and Director**

* Created an organization with 2 peers- make easy-to-understand videos on difficult Math concepts and post them on YouTube. Our vision is for everyone to have access to education, regardless of their background-gained a total of 150 views
* Built teamwork and collaboration skills- Established performance goals and worked in a structured team setting to reach major milestones and help students with difficult concepts.

**Freelance Math and Physics Tutor**– *Calgary, Alberta* September 2020 to November 2021

**Self - Freelance**

* Virtually tutored 2 high school students for a full semester in high school math and physics- helped them understand concepts explained them in a caring and encouraging environment.
* Students provided positive feedback and demonstrated significant improvement in their understanding.
* Discussed student's educational goals and expectations, supported them with helpful study habits and exam strategies.
* Used positive reinforcement, repetition, and review to help students master challenging material.

**Calgary Public Library, Central Volunteer**– *Calgary, Alberta* October 2019 to April 2020

**Volunteered at the code club program**

* Guiding children from the ages of 6 to 12 through problems, that teach basic coding concepts such as loops and variables using ‘Scratch.’
* Helped them build a strong foundation in code and develop problem-solving and logic skills, while also building strong relationships and trust with them.
* Supported engaging, fun, and smooth-running events by helping with organization and planning- consistently maintained eagerness in a minimum of 10 children with 6 other volunteers.

**Alberta Winter Games 2020**– *Calgary, Alberta*  February 2020 to February 2020

**Badminton Line Judge**

* Helping the referee during badminton matches to confirm whether the shuttlecock landed within the boundaries, to minimize error.
* Collaborated with other volunteers to effectively plan shifts for smooth running of the event

**EDUCATION**

**UBC Vancouver [Bachelor of Applied Science]**

**September 2021 – Present**

* Completed common first year

**AWARDS**

* Honors Society- Western Canada High School
* Math Award for outstanding performance: “Understanding, Strength, Courage” for Outstanding Academic Perseverance and Performance during Covid-19 for Math 30-1

**CERTIFICATIONS**

**The complete 2022 Web Development Bootcamp**

**May 2022 – Present**

* Currently mastering front-end and back-end website development with HTML, CSS, JavaScript, Node, React, MongoDB, Web3, and DApps.
* Created a:
  + ‘tindog’ website implementing Bootstrap’s buttons, slider, navigation bar and grid system. Link: <https://aakaashsenthilkumar.github.io/tindog/>
  + blog website, deployed the application with Heroku, created a local database and server, saved the database to MongoDB
  + ‘to-do’ list site where the user can create new lists for any specific topic, add items, and delete them by selecting checkboxes
  + newsletter signup page where the user can enter their email address that gets saved to ‘MailChimp’
  + site where users can sign up using an email and password, or their socials, such as Google (Used ‘Passport’), post and view secrets. Also used ‘hashing’ and ‘salting’ to secure the password