

# KUSH PADALIA

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## OBJECTIVE

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Third year computing science student searching for a four to 16 month internship.

## EDUCATION

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**BSc Specialization in CS**, University of Alberta 2020 - 2025  
Relevant Coursework: Algorithms, data structures, AI, computer architecture, practical programming, operating systems, software engineering, database systems, and functional programming.  
GPA: 3.9

## SKILLS

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<b>Technical Skills</b>	Python, C/C++, Java, React Native, MIPS Assembly, SQLite, MongoDB, Lisp, Android Studio, Microsoft Excel, Firebase Firestore, Git/GitHub, Linux/Unix, MATLAB
<b>Soft Skills</b>	Team collaboration, leadership, presentation, public speaking

## EXPERIENCE

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<b>Recreational Facilitator</b>	Aug 2022 - May 2023
University of Alberta - Campus and Community Recreation	<i>Edmonton</i>

- Led futsal and soccer intramural leagues which resulted in a 150% increase in members.
- Developed better rulebooks and guidelines for members, increasing clarity and drastically reducing conflict issues from previous years.
- Helped plan and execute special events of hundreds of members.

<b>Undergraduate Research Assistant</b>	May 2022 - Sep 2022
University of Alberta - Department of Computing Science	<i>Edmonton</i>

- Worked on a research group in the focus of scheduling algorithms.
- Implemented algorithm designs in Python.
- Worked through an NSERC USRA award.

## PROJECTS

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**GetYourGroceries** Built an Android app with five others to track ingredients, recipes, plan for meals, and automatically generate shopping lists based on planned meals and current inventory. ([Source Code](#))

**BetterServus** A HackEd 2023 project where our team of four built an improved app for Servus using React Native. ([Source Code](#))

**Shell379** Built a fully interactive shell using C and OS commands.

## LEADERSHIP

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- VP External for the University of Alberta branch of Canadian Mentors for Youth.
- Hundreds of volunteer hours since high school.