

# SAFAL LAMSAL

Student – Software Engineering Major  
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## Objective

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I want to succeed in an exhilarating and challenging environment, building the success of the company while I develop my skills.

## About Me

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<b>Technical Skills</b>	C/C++, Unix/Linux, Python, SQL, Dart/Flutter, Java, Excel
<b>Web &amp; Design</b>	HTML/CSS/JavaScript, Bootstrap/jQuery, Adobe Photoshop
<b>Interests</b>	Distributed System, Machine Learning, Cryptography, Security

## Work Experience

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### University of Texas at Arlington

Research Trainee – Research Experiences for Undergraduates Arlington, TX (Spring 2018)

- Designed and Implemented Cache Replacement Algorithm in C
- Currently developing an Algorithm to improve upon current replacement algorithms

## Projects & Activities

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### Distributed Blackjack Game

(Spring 2018)

- Developed a software in a group using OpenSplice, a Pub/Sub Middleware, and FLTK GUI while maintaining interoperability between different systems

### Mav's Ice Cream Emporium

(Fall 2017)

- Designed a GUI management system using C++ and gtkmm
- Lead a group of 4 and managed the project using Scrum framework
- Made use of Version Control, Debugging Tools, and UML Diagrams

## Education

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### University of Texas at Arlington

Arlington, TX (2016-Present)

- Bachelor of Science in Software Engineering Expected graduation May 2020

### FreeCodeCamp

(May 2018)

- Front-End Web Development Certificate - [Link](#)

## Related Course Work

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Object-Oriented Programming, Algorithms & Data Structures  
Operating Systems, Fundamentals of Software Engineering  
Computer Organization & Assembly, Discrete Structures

## Links

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GitHub – <https://github.com/muedie>

CodePen – <https://codepen.io/muedie>

LinkedIn - <https://www.linkedin.com/in/safal-lamsal/>