

# AABHAS KHAREL

Software Engineering Graduate | Software Developer Intern

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## OBJECTIVE

Begin my career by securing a responsible Entry-level opportunity to expand my learnings, knowledge and skills.

## TECHNICAL SKILLS

<b>Programming</b>	Python, C/C++, C#/.NET, SQL/NoSQL, Java
<b>Framework</b>	Bootstrap, Vue.js, Flask, Node.js/Express
<b>Databases</b>	MySQL, PostgreSQL, MangoDB
<b>Others</b>	Git, VS Code, Microsoft Azure, Firebase, Flutter, Docker

## EXPERIENCE

### Software Developer Intern

Mouser Electronics – Mansfield, TX

June 2020 – present

- Implemented a Micro web-service to allow B2B customers to upload xml invoice files.
- Designed and implemented an Automation tool to interact with the Network Load Balancer.
- Working on company's customer detail page to implement efficient and effective Email Filter feature.
- **Tools used:** Python, Flask, Linux, Perforce

### Front End Developer Intern

Got It – Pisa, Italy

March 2019 – June 2019

- Designed and developed the front end prototype for the company's official website using Vue.js.
- Supported the team to design and develop the Web and NoSQL Database architecture.
- **Tools used:** Vue.js, JavaScript, Firebase

### Research Trainee

Department of CSE at UTA – Arlington, TX

February 2018 – June 2018

- Designed an efficient Trie data structure and wrote multiple unit tests.
- Performed research on various tree based key-value storage for small data items.
- **Tools used:** C, C++, Python

## PROJECTS

### Discord Server Bot

Personal project - **Tools:** Python, Aplaca, Discord

February 2020

- Built a assistant Bot using Python for Discord application that tracks Stock prices and User trade history.
- Used Aplaca API to integrate stock trading algorithms and buy/sell trigger operations.
- Currently being used by three different Discord channels.

### CardRoot - Web Game

Course project - **Tools:** C#/.NET, JavaScript

December 2018

- Built a web app containing three different card games using C#/.NET framework.
- Implemented bot features along with a three difficulty levels for single player mode.
- Deployed using Microsoft Azure.

### Smart Journal

HackUTA 2018 - **Tools:** Vue.js, PostgreSQL, Flask

October 2018

- Won the Facebook's Best Community Building Project challenge.
- Built a web app to keep track of your hourly activities and provide data visualization on user's data.
- Designed the user interface using Vue.js and set up back-end using PostgreSQL database and Flask web server in Python.

### Chevron Work-Scheduler

HackRice 8 - **Tools:** JavaScript, Flask, REST API

September 2018

- Won the Chevron company sponsored challenge.
- Built a web app in group of 3 to optimize the work order process in Chevron complex process facilities.
- Designed and developed the front end using/ HTML5/CSS3/JavaScript and database using an ORM, created REST API endpoints using Flask web server in Python.

## EDUCATION

### The University of Texas at Arlington

May 2020

Bachelor of Science in Software Engineering  
GPA 3.74/4.00

**Relevant coursework:** Object-Oriented Programming, Algorithms & Data Structures, Operating Systems, Discrete Structures, Computer Organization & Assembly, Theoretical CS, Software Testing, Software Design Patterns, Software Project Management, Compilers, Computer Networks, Signal Processing