

# Jacob Hamilton

## EDUCATION

**B.S. Computer Science**

**Minor in Business**

**3.298 GPA**

Texas A&M University at College Station  
May 2021

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## SOFTWARE EXPERIENCE

### Events/Programs

#### Paycom Summer Engagement 2020

- Developed Calendar/Scheduler in **React.js** and **PHP**
- Attended soft skills and software webinars
- SQL CRUD app

#### TAMU SEC Directed Internship 2020

- Developed Business plan for AR Application
- 5 multidisciplinary Engineers

#### TAMU HACK 2019

- 24hr Group Hackathon
- Made Map of National Parks with MapBox API

#### High School Computer Science UIL Team

- Group and Solo competition
- Solve leetcode type challenges with Java

### Coursework

#### Java

- JavaSwing GUI Application, Database management system.

#### C#

- Game dev with unity

### Personal Projects

#### TAMU Job Webscraper

- Node.js backend, Plain JS with Fetch requests -Front
- AWS Linux Hosted

#### Search Help Firefox Addon

- **JavaScript**, **HTML**, **CSS**
- Extension that helps with larger Google Searches

#### Personal Website

- Simple bootstrap html website
- AWS Linux hosted

#### HackerRank

- Problem Solving Certification
- Completed **React.js**, **Python**, and **JS** Challenges

### C/C++

- Threading, networking, algorithms, data structures, Graphics with opengl, memory management

### Python

- Assembler, AI search algorithms, simple exploits

### Ruby on Rails

- Database manager, Charity website

## LEADERSHIP EXPERIENCE

### Project Scrum Master

- School project with Ruby on Rails using Agile
- Took Turns being Scrum master and product owner
- Communicated client's needs to rest of the group

## EMPLOYMENT

### Karlson Window Coverings: Reno, Nevada.

July 2019 – August 2019

- Labor Job

### East West Manufacturing: Austin, Texas.

May 2019 – July 2019

- Soldered and Cut circuit boards

### Wash N' Roll: Cedar Park, Texas

September 2016 – July 2017, June 2018 – July 2018

- Directed Customers, washed cars
- Trained new staff

### Acxiom: Austin, Texas

February 6<sup>th</sup> to 10<sup>th</sup> 2017

- Shadowed Data Engineers, Security Analyst, and a Manager.