

Nicholas Battani

<https://nickbattani.github.io/cv/>

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515-480-5879

Education

IOWA STATE UNIVERSITY | 3.32 GPA | EXPECTED GRADUATION SPRING 2021

- Pursuing bachelors in Computer Engineering
- Focus on Embedded Systems

Professional Experience

TEST ENGINEERING INTERN | LOCKHEED MARTIN | MAY 2019-AUGUST 2019

- Wrote critical hardware monitoring software using **Flask**, **HTML**, and **jQuery**
- Created an automated schedule using **Visual Basic for Applications**
- Generated automated reports software with **Matlab**

STUDENT TECHNICIAN | IOWA STATE UNIVERSITY | JANUARY 2019-APRIL 2019

- Repaired, cleaned, and maintained computer systems for university students and staff
- Gained experience in troubleshooting OS X and Windows operating systems
- Provided assistance to staff and students regarding technical issues

TEST ENGINEERING INTERN | LOCKHEED MARTIN | MAY 2018-AUGUST 2018

- Consulted with senior engineers on creation of a database using **SQL** and **Microsoft Access**
- Developed an intuitive user interface using **Visual Basic for Applications**
- Automated repetitive database tasks such as queries and data imports with **SQL**

IT HELP DESK SPECIALIST | PRINCIPAL FINANCIAL GROUP | JUNE 2017 – AUGUST 2017

- Collaborated with a team to deploy 3,000 new laptops
- Assisted in the automation software installations via **powershell**
- Provided in person technical support when laptops were deployed to end users

Projects Experience

LEARNHUB.COM | CLASS PROJECT

- Assisted peers in creating a flashcard learning website using **JavaScript**, **jQuery**, **HTML**, and **mySQL**
- Wrote unit tests for **JavaScript** elements using **Jasmine**
- Created game logic for flashcard score

IROOMBA MARS ROVER | CLASS PROJECT

- Collaborated with lab partners to program an iRoomba navigate a simulated Mars obstacle course using **C**
- Utilized non-iRoomba sensors such as a PING/IR sensor via **GPIO ports**
- Utilized iRoomba's sensors and motors via **C** and the **iRoomba Open Interface**

Activities

CARDINAL SPACE MINING | VICE PRESIDENT | AUGUST 2017 - DECEMBER 2018

Programming languages:

- C/C++, Java, JavaScript, HTML, CSS, Verilog, Visual Basic, MATLAB, and Python