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EDUCATION:

University of Illinois at Chicago **Chicago, Illinois** **May 2020**
Bachelor of Science in Computer Science GPA: 3.34 / 4.0

- Practiced methods to develop, test, and deploy code
- Deeper understanding of Software Development Lifecycle
- Introduction to Network Security and Ethical Hacking
- Developed a centralized blockchain from scratch in a team of 6
- Lead a team of 6 to start development for a GUI for the blockchain project
- Explored the GitHub GraphQL schema to develop calls that would ease requests to GitHub using their v4 API
- Built an educational app, in a group of 4, that allowed teachers to create supplemental questions for their students to answer and for parents to see their child's overall performance using an SQL database, Javascript, and Java.

SKILLS:

Spoken/Written Languages: Spanish and English
Programming Languages with Most Familiarity: Java, Golang, Python, Arduino, C/C++, SQL, SQLite
Programming Languages Familiar with: F#, Scala, GraphQL
Technical Skills: JUnit 5, Scala Test, Travis CI, JDBC, JavaFX, Git, MySQL, Linux, AAA Testing, Regression Testing, Agile Methodologies, Scrum, Android app development, SBT, RESTful api, relational database, familiar with Eagle circuit board and 3D print designing, translating, customer service, ConnectWise

HOBBIES:

Car enthusiast, dancing, home improvement projects, cooking, tutoring/mentoring, learning Japanese, analyzing music

PROJECTS:

Scala, GraphQL:
Readable GitHub GraphQL API Calls **Academic** **Apr. 2020 - May 2020**
Worked in a team of 3 to encapsulate Github v4 API calls to get client requests. Made use of the builder design pattern and functional programming concepts to produce readable calls and parse out the responses while avoiding client interaction with raw responses. Parsed and stored requested data in case classes where the client can then manipulate.

Java:
Design Pattern Code Generator Plugin **Academic** **Feb. 2020 - Mar. 2020**
Implemented a design pattern code generator plugin for IntelliJ. Shows user available patterns, asks questions regarding the specific pattern, then creates corresponding .java files. Leveraged OOP concepts and learned Gradle.

UIC SIG Blockchain:
Project Aurum - Golang **Club** **Feb. 2019 - Present**
Developing a cryptocurrency from scratch in Golang through the use of GitHub and Agile development. Working in a start-up company type of environment in a group of 6 where I am developing my team and project management skills.

Arduino:
Sequential LED Turn Signal **Personal** **Sum. 2018**
Researched, planned, programmed, installed, and debugged a program independently that synchronizes RGB LED strips to a car's turn signal similar to the newer Ford Mustangs using an Arduino Uno. Project includes code for different sequences that work as show lights triggered by a switch.

Python:
Malicious DNS Proxy Server **Academic** **Apr. 2020**
Basic proxy server that redirects traffic to a specific website based on targeted website names. Learned how to set up and use a passive proxy server to behave maliciously against certain websites users would want to visit. Read DNS requests and sent out spoofed DNS response packages. Used Scapy to read and send DNS packages.

EMPLOYMENT EXPERIENCE:

Logistyx Technologies **Rolling Meadows, Illinois** **Sept. 2020 - Present**
Triage Engineer
Analyze and answer Support Desk emails, calls, and voicemails from customers and create detailed service tickets in ConnectWise with all information that will help facilitate a diagnosis and resolution. Quickly determine if a service ticket will require escalation and provide all necessary information to senior support.