Andrew Schmidt

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Hardworking computer science graduate with proven leadership, software engineering, and product development skills. Experience with wide variety of technologies and roles and looking for full time Software Engineering position.

**Education**

**B.S., Computer Science, Minor in Mathematics, Dec 2018 Michigan State University, East Lansing, MI**

* GPA: 3.77
* Relevant Coursework: Algorithm Engineering, Database Systems, Linear Algebra, Numerical Analysis, Software Design, Web Application Development, and Network Security

**M.S., Computer Science, conferred May 2020 Michigan State University, East Lansing, MI**

* GPA: 3.75
* CSE 881, Data Mining – Techniques and algorithms for knowledge discovery in databases
* CSE 847, Machine Learning – Computational study of various paradigms in learning and data mining
* CSE 842, Natural Language Processing – Statistical and pragmatic language models and learning algorithms
* CSE 803, Computer Vision – Applications of visual information processing techniques

**Experience**

**Graduate Teaching Assistant May 2019 – May 2020**

**Michigan State University East Lansing, MI**

* Graduate Teaching Assistantfor Web Application Development (Summer 2019)
  + Assisted students through online help forum with development of web applications using HTML, PHP, CSS, SQL, and JavaScript to build responsive browser interfaces for remote database backed sites
* Graduate Teaching Assistant for Object-Oriented Programming (Fall 2019 and Spring 2020)
  + Responsible for conducting in-person and online help hours to assist students with the development of MFC applications in C++ with a focus on teaching object-oriented methodologies

**Co-founder/CTO Mar 2019 – Present**

**LiveSpot East Lansing, MI**

* Addressed issue of reliable communication at live events by creating social media application connected by a Bluetooth mesh network, giving venues and fans access to a public chat room, private messages, and groups
* Involved in product design and development oversight: weighing business, hardware, safety, and user experience considerations to deliver an application which provides value to the live event ecosystem

**Co-founder/CTO Jan 2018 – Present**

**Genesis Investments LLC East Lansing, MI**

* Manage blockchain investment [platform](https://genesiscrypto.fund/) by developing algorithmic trading and DeFi (Decentralized Finance) strategies to provide transparent financial services with 65% fund profits on [Genesis Vision](https://genesis.vision/invest/funds/genesis-select-fund)
* Research and develop data pipelines and integrations with blockchain financial services using SQL, Python, Solidity, Web3, and React to provide investors with exposure to groundbreaking DeFi products

**Intern, IT May 2017 – August 2017**

**Centene Corporation Chesterfield, MO**

* Developed new RESTful APIs and expanded services of existing APIs using Java and Spring Framework which provided snapshot of member activities for customer service representatives
* Worked on Agile scrum team, performing big data analysis with Java, Cassandra NoSQL database, and Docker cloud services to locate critical junctures in member experience drop-off

**Skills**

* Programming Languages: Python, C++, Solidity, Java
* Web Development: HTML, CSS, PHP, Django, JavaScript, ReactJS, Web3
* Tools: SQL, Git, RESTful APIs, Spring Framework, Docker, React Native, Truffle Suite

**Achievements**

* Awarded Alumni Distinguished Full Academic Scholarship to Michigan State University
* Founding father of Sigma Tau Gamma - Zeta Omicron chapter