# ANDREW SCHMIDT

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Computer science graduate with proven leadership, software engineering, and product development skills. Experience with a wide variety of technologies and roles, looking for a full-time Software Engineering job.

## 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 Assistant for 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**                                                       **Feb 2020 – 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](#) by developing algorithmic trading and DeFi (Decentralized Finance) strategies to provide transparent financial services with 65% fund profits on [Genesis Vision](#)
- 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 a 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