

MATTHEW KILLEEN

C: (516) 406-2551 | Matthewkilleen99@gmail.com

LinkedIn: www.linkedin.com/in/matthew-r-killeen

GitHub: <https://github.com/Programbeginner2120>

Website: <https://programbeginner2120.github.io/personal-website>

EDUCATION

University at Albany, State University of New York

Bachelor of Science

Computer Science & Applied Mathematics (Data Analytics Concentration)

GPA: 3.97

Graduated May 2022

PROFESSIONAL EXPERIENCE

Software Engineer

February 2024 – Present

LBi Software

- Maintain and build new features for web applications spanning across multiple sports leagues
- Regularly utilize Java, Spring / Spring Boot, MyBatis and Angular to build rich and modern web applications
- Work on the Player Contract Management System (PCMS) for the National Basketball Association (NBA)
- Work on NETS, the league management system for the National Women's Soccer League (NWSL)
- Work on SONAR, the scouting platform for the Miami Marlins of Major League Baseball (MLB)

Associate Software Engineer

June 2022 – October 2023

Infosys Limited

- Designed and implemented a web-based banking application prototype for clients at a well-known bank
- Used Angular to develop application front end, ensuring a seamless user experience and maintainable codebase
- Used Java, Spring Boot, Microsoft SQL Server, Spring Data JPA and Hibernate to develop application back end
- Implemented a microservice architecture utilizing Spring Cloud and Spring Cloud Consul, enabling centralized configuration, service discovery, load balancing, resilience and the use of an API gateway
- Hosted application on AWS using EC2 instances, containerizing individual microservices using Docker

Undergraduate Researcher

May 2021 – May 2022

Data Mining and Management Lab, University at Albany, SUNY

- Worked with fellow student researchers on intelligent nanomaterial design using novel deep learning methods and generative artificial intelligence with an emphasis on new types of variational autoencoders
- Collaborated with researchers at the University of California, Irvine in efforts to generate the nanomaterials designed via our machine learning methods
- Published research paper with our findings at the 28th ACM SIGKDD Conference on Knowledge Discovery and Data Mining
- Regularly utilized Python libraries/frameworks such as PyTorch, Tensorflow, NumPy, Pandas, Matplotlib

RELEVANT SKILLS

- Programming Languages: Java, Python, TypeScript / JavaScript, HTML/CSS, SQL
- Libraries / Frameworks: Jakarta EE, Spring Boot, Spring Data, Hibernate, MyBatis, Angular, React, Tensorflow, PyTorch, NumPy, Pandas, Matplotlib, Flask, LangChain
- Tools & Technologies: Linux, Windows, MacOS, Amazon Web Services (AWS), Docker, MySQL, Microsoft SQL Server, PostgreSQL, MongoDB, Git, Maven, Gradle, Pip, Anaconda, Google Suite, Microsoft Suite

CERTIFICATIONS & AWARDS

Machine Learning Specialization Certification

Received September 2023

Stanford University & DeepLearning.AI, Coursera

AWS Cloud Practitioner Certification

Received August 2023

Amazon Web Services (AWS)

Eagle Scout

Received March 2017

Boy Scouts of America – Troop 482 – Floral Park, NY