

HENRY MCKINNEY

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Rochester, NY

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EDUCATION

NC State University, Raleigh NC

Dec 2025 (anticipated)

- **Master of Science in Computer Science**
- Object Oriented Programming, git / version control, Ruby, Typescript, JS, Docker, MVC & DAO design patterns
- Acquired graph theory expertise for translation of algorithmic criteria into executable compiler directives

Nazareth University, Rochester, NY

Aug 2019- May 2023

- **Summa Cum Laude | Deans List | GPA: 3.9/4.0**
- Pi Mu Epsilon Math Society
- Empire 8 Scholar Athlete of the Year 2023
- Kidera Scholar-Athlete Award
- Bachelor's in Psychological Science; Math Minor, Analytics Minor, Finance Minor
- Veteran's Scholarship; UDT SEAL Scholarship; Folds of Honors Scholarship

Relevant Coursework: Linear Algebra, ML, Statistics & Probability, Data Structures, Calculus, OOP, Graph Theory

Cloud Software: Kubernetes **Certified Kubernetes Admin (CKA)**, AWS, GCP, AKS, Helm, ArgoCD, Terraform

RELEVANT WORK EXPERIENCE

Les Éléphants de Chambéry, Chambéry France – Professional Hockey Player

August 2023- April 2024

Action Corporation, Round Rock, TX - Cloud Operations Engineer Intern

June 2023- Sep 2023

- Fully mapped out, security, networking, external traffic flow and architecture of our DBaaS product on Kubernetes
- Launched E2E K8s CIS compliance security protocol via AquaSec's kube-bench go app & Grafana in production

Meta / Solvd Inc, Roseville, CA - Test Automation Engineer

November 2022 – June 2023

- Audited server-side & client-side software for ensuring privacy compliance was met & E2E tests ran accordingly
- Coordinated daily w/ PMs and SWEs to validate software, run tests, implement new features & address security
- Worked in array of software languages on all Meta's products and applications ie: IG, AR/VR, FB, WhatsApp
- Specialized in mitigating privacy and security concerns by addressing and auditing data handling for LLMs

Action Corporation, Round Rock, TX - Cloud Operations Analyst Intern

June 2022- Sep 2022

- Optimized Fin-Ops metrics and cloud costs by analyzing usage and anomalies from GCP, AWS, and Azure
- Used Kubeadm to create Kubernetes clusters & launched containerized applications via CICD pipeline

CORE SKILLS

- Creative thinking, Analytical thinking, Technological literacy, Lifelong learning and curiosity, Resilience, Agility

PROJECTS

Java Test Automator: Java Business Sim, XML, Kotlin, APIs, Apache Maven, Apache Log4j, MySQL JDBC, MyBatis

Full Stack: React, Ruby on Rails, JavaScript, MySQL, SQLite, Factory Bot, RSpec, CRUD, REST APIs, Redis, Docker

Python Libraries: Matplotlib, Pandas, Numpy, Seaborn, GeoPy, TensorFlow, PyTorch, Financial Modeling Prep

RELEVANT EXPERIENCES

Java Test Automation Bootcamp, Solvd Laba

Nov 2022 – Feb 2023

- Built ecommerce Java application leveraging OOP best practices (Encapsulation, Inheritance & Polymorphism)
- Designed and developed multiple n-tier Java app/simulations connected to relational database backend in MySQL
- Applied test-driven development methodology to run cross-browser, native iOS, and android testing

Programming, Nazareth University

Sep 2021 – May 2023

- Built recommendation chatbots using PyTorch and TensorFlow to implement ML recommendation engine
- Frequently utilized Python & Jupyter notebooks to call APIs, develop functions & apps, & create statistical models

ATHLETICS & COMMUNITY SERVICE

NCAA Hockey, Nazareth University

Sep 2019 – Present

- Achieved ACHA academic All-American every year in college in addition to athletic All-American senior year
- Achieved rookie of the year for top performing freshman; senior year first team all-league and team MVP
- Achieved program all-time point & assist total in single season most assists total in franchise history (22-23)

R.I.C. Academy, Fairport, NY - *Youth Hockey Volunteer*

Dec 2020 – May 2021

SOFTWARE TECHNOLOGIES

- Java, Python, Swift, C/C++, Javascript, GitOps, Hack / PHP, Bloks, Native Templates, Grafana, Docker, Go, Swift