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# Daniel Kramer

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## SKILLS

**Languages:** Python, JavaScript, Java ( + Spring Boot intro)

**Web Technologies:** Next.js, React, TypeScript, Tailwind, HTML/CSS

**Software/Systems:** git, sh, Docker, SQL, MongoDB, GitHub Actions, Jenkins, k8s (intro)

## EXPERIENCE

**IBM**, Southbury, CT

*Staff Software Developer*

June 2020 - Present

- Leveraged **Data Engineering** Training:
  - Created a robust pipeline with **Python** and **Jenkins** to continuously migrate data between **SQL** and **noSQL** data sources during app modernization.
  - Facilitated IBM's divestiture of Kyndryl by *automating data segmentation* of our team's multi-tenant application.
- Increased the **security** and **monitoring** maturity of my whole department to [level 3 of 4](#), *starting from 0*.
- Containerized a **cloud** application with **Docker**, decreasing image build times and size *~30% each*, and increasing *maintainability and dev-prod parity*.
- Automated and documented *minimal-downtime deployment* process.
- Introduced *automated generation and execution* of **JUnit** and **Jest** tests and standardized functional testing, boosting confidence to *reduce time between deployments by half*.

**Stevens Institute of Technology**, Hoboken, NJ

*Course Assistant*

January 2019 - December 2020

- Led office hours and reviews of labs and exams | Graded assignments of 40-100 students
- Courses: *Advanced Web Programming, Automata and Computation, Discrete Structures*

*Research Assistant*

May 2019 - December 2019

- With **Node.js**, *scraped images and metrics* from Computer Vision depth algorithm competition sites
- Developed **Python** scripts to statistically analyze CV algorithms and estimate error and ground truth

## EDUCATION

**Stevens Institute of Technology**, Hoboken, NJ

B.S. Computer Science; Minor in Quantitative Finance | 3.76 GPA

Graduated December 2020