

# JOZEF MANKOVECKY

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## EDUCATION CORNELL UNIVERSITY, ITHACA, NY

May 2018

B.S. in Interdisciplinary Studies with a focus in Computer Science

## EXPERIENCE BACKEND ENGINEER

Troy, NY

*Gavant Software*

August 2022 – August 2025

- Developed and maintained Java Spring applications, later expanding responsibilities to include Python Flask and C# .NET projects.
- Upgraded monolithic and microservice-based AWS applications, integrating additional services such as Lambdas, Secrets Manager, and Cloudfront.
- Took full responsibility for multiple codebases at a time, working with complete independence to implement features, provide estimates, advise PMs, and communicate directly with clients.
- Collaborated directly with frontend, QA, and other backend engineers to optimize development and expedite delivery.
- Maintained and expanded models residing in Microsoft SQL, PostgreSQL, and MySQL databases.

## PROGRAMMER ANALYST II

Glenmont, NY

*American National Insurance*

January 2020 – August 2022

- Worked with a Java/Microsoft SQL platform resolving bugs and integrating new features and APIs.
- Discovered and implemented an overlooked parallel work queue API which massively increased throughput for a number of batch processes overwhelmed by COVID.
- Served as the rotating on-call and acted as the primary contact for the rest of the business.
- Made Python skills available by writing scripts to facilitate both routine and one-off tasks.
- Learned PowerBI to create a dashboard for the on-call developer.

## JAVA/PYTHON INSTRUCTOR

Remote

*Juni Learning*

August 2019 – October 2022

- Instructed students in introductory to AP-level software development in both Java and Python, using terminology suitable for anyone from early middle school kids to college-bound high schoolers.

## TEACHING INTERN

Gill, MA

*Northfield Mount Hermon Boarding School*

Summers of 2015 – 2016

- Led the first robotics and programming summer classes at NMH.

## SKILLS LANGUAGES: Java, Python, C#, SQL

**TECHNOLOGIES:** Certified AWS Developer Associate, Linux, GraphQL, Spring, Flask, .NET, git, Guidewire BillingCenter

## PROJECTS CORNELL IT SECURITY METRICS

January – May 2018

- Collaborated with seven other students to design and create a system which generated data-driven visualizations for the Cornell IT Security Office.