Taylor Neely

https://tneely.com

tneely417@gmail.com
734-546-4691

Education

Dartmouth College
Hanover, NH

Bachelor of Arts in Biology, Computer Science with Honors; 3.75 GPA — *Sept. 2012 - Jun 2016*

Experience

Amazon Web Services (AWS)
Seattle, WA

Software Development Engineer — *Apr. 2021 - Present*

- **Managed AWS Service:** Designing and leading implementation of a new AWS managed service that utilizes a scalable microservice architecture backed by DynamoDB and S3.
- **Amazon Genomics CLI:** Designed and built an open source CLI tool in Go that enables genomics and life science researchers to quickly deploy genomics workflows on AWS using the CDK.
- **Automation:** Implemented continuous integration and delivery tooling as infrastructure as code to automate build, testing, and release software packages.

Amazon
Seattle, WA

Software Development Engineer — *July 2019 - Apr. 2021*

- **Membership Journeys:** Developed a scalable, low latency, rule-based customization engine to display accurate and relevant content to customers across various use cases.
- **Prime MFA:** Enabled customers to quickly and seamlessly authenticate with their bank when signing up for subscription services in compliance with GDPR privacy laws.
- **Cloud Infrastructure:** Wrote and launched well-architected services infrastructure as code for AWS, complete with metrics, alarms, and monitoring dashboards.

Epic Systems
Verona, WI

Software Developer — *Aug. 2016 - May 2019*

- **Tapestry:** Worked closely with integrated payer provider networks to develop accurate and comprehensive cost estimate tooling for prospective patients.
- **OpTime:** Developed clinically integrated applications aimed at improving nurse and physician efficiency in readying patients for surgery.

Evolutionary Computational Genomics Lab
Hanover, NH

James O. Freedman Presidential Scholar — *Jan. 2015 - June 2016*

- **GTA Hunter:** Worked with large genomic datasets while studying Gene Transfer Agents (GTA) and developed a ML-based system to identify GTAs using support-vector machines.

Projects

Jelly: A CDK construct library for quickly deploying secure, scalable web applications.

Leftovers: An SPA written in Vue to easily discover recipes made with leftover ingredients.

This resume: Written in LaTeX and automatically generated to PDF on commit for hosting on GitHub Pages.