BEN NATHANSON

EMPLOYMENT

Apple **Python Software Engineer, DevOps** **September 2023 - Present**
- New role, will update this as time goes on!

Stavvy **Full-Stack Software Engineer II** **November 2020 - September 2023**
- Owned and delivered features end-to-end using Python, Java, FastAPI, React, and Typescript.
- Extended internal services into a Public API, opening the door to a new set of use cases and customers.
- Deployed lambdas, queues, tables, and other infrastructure using Terraform and AWS.
- Created pre-commit hooks and CI pipelines to maximize team productivity and improve test coverage.

PNC / numo / indi **Software Engineer Intern, indi** **January 2020 – August 2020**
- Built Python AWS Lambdas to compress and cache images to an S3 bucket, reducing data usage on mobile.
- Created a regression test suite for our transactions API using LocalStack, Behave, Docker, and Python.
- Led sprint retrospectives, demoed new features, and practiced Agile Scrum in a fast-paced environment.
- Developed a new UI test suite for a consumer-facing mobile app using Flutter driver and MockServer.
- Deployed automated tests on GitHub Actions to deliver continuous integration testing.

Columbus McKinnon / Magnetek **Test Automation Intern** **October 2019 – December 2019**
- Saved hours of manual acceptance testing on each release cycle by automating forty UI tests with C#.

EDUCATION

Pittsburgh, PA **University of Pittsburgh** **January 2018 – August 2020**
- B.S. in Computer Science. Cumulative GPA: 3.22 / 4.0. Departmental GPA: 3.33 / 4.0.
- Coursework: Test Engineering, Cryptography and Network Security, Software Engineering, UX Design, Data Structures, Algorithms, Operating Systems, Assembly, Applied Statistics, Calculus 1 & 2

Carlisle, PA **Dickinson College** **August 2011 – May 2015**
- B.A. in Environmental Studies

ENGAGEMENT AND AWARDS

- **AmeriCorps Education Award:** A scholarship for serving as an educator on water quality and infrastructure.
- **Construction Junction Board of Directors:** Participated in board meetings for a nonprofit, synthesizing complex legal and financial discussions into a clear and concise document.

SKILLS

- Languages: Python, Java, TypeScript
- Frameworks: FastAPI, Jupyter Notebook, Jinja2, OpenAPI, React, Sphinx
- Databases: Dynamo, Postgres, Redis
- Infrastructure: AWS Lambda, CloudFront, DynamoDB, EC2, S3, SQS, SNS, Terraform
- CI/CD: CircleCI, GitHub Actions, GitLab Pipelines, SonarCloud
- Observability: Elastic APM (Kibana), Logz.io, Sentry, Datadog