

# BEN NATHANSON

## EMPLOYMENT

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**Stavvy** **Software Engineer** **November 2020 – Present**

**PNC numo** **Software Engineer (Contractor)** **April 2020 – August 2020**

- 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.
- Leveraged Z shell scripting skills to create push-button tests and dynamic test runners.

**PNC numo** **Software Engineer Intern** **January 2020 – April 2020**

- Built Python AWS Lambdas to compress and cache images to an S3 bucket, saving data usage on mobile.
- Learned and applied new technologies such as CloudFormation, Flyway, and MySQL in a short timeframe.
- 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 start-up environment.

**Columbus McKinnon** **Test Automation Intern** **October 2019 – December 2019**

- Converted forty manual tests into an automated test suite, saving hours on each release cycle.
- Learned C#, WinAppDriver, and Appium on the job while actively contributing to the product by writing tests.

## EDUCATION

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**Pittsburgh, PA** **University of Pittsburgh** **January 2018 – August 2020**

- B.S. in Computer Science, graduated August 2020. 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

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- **AmeriCorps Education Award:** Awarded for my work in the community as an environmental educator.
- **Construction Junction Board of Directors:** Participated in board meetings for a nonprofit, synthesizing complex legal and financial discussions into a clear and concise document.
- **City Scrapers Open Source Project:** Hosted meetings, reviewed pull requests, wrote documentation, and mentored contributors of all backgrounds in writing web scrapers for a nonprofit civic journalism lab.

## SKILLS

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- Appium, AWS Lambda, Behave, Beyond Compare, BouncyCastle, C, CSS, Dart, Docker, Flask, Flutter, Git, GitHub Actions, HTML, Java, Jira, Kanban, Linux, LocalStack, MacOS, MockServer, Mockito, Postman, Python, Scrapy, Scrum, Serverless, Team Foundation Server, Windows