Linkedin.com/in/benenathanson
Github.com/ben-nathanson

BEN NATHANSON

ben@nathanson.dev

EMPLOYMENT

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

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

- **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.

LANGUAGES AND EXPERIENCE LEVELS

- **Python**   4 years / proficient
- **Java**   4 years / proficient
- **C**   2 years / intermediate
- **Dart**   1 year / beginner
- **JavaScript** < 1 year / beginner

SKILLS

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