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|  | **Ben Nathanson** |
| **Employment** | | |
| **Stavvy** | **Software Engineer** | November 2020 – Present |
| * Owned and delivered features end-to-end using FastAPI, Python, React, Typescript, and more. * Refactored 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 Serverless. * Thrived as we grew from 15 to 150+ people, raised a $40 million series A, and built products from 0 to 1. * Created pre-commit hooks and CI pipelines to promote quality through readability and test coverage. * Shipped a complex feature integration with changing requirements and limited documentation. * Leveraged my music and public speaking background to demo new features to diverse audiences. | | |
| **PNC numo** | **Software Engineer Intern** | January 2020 – August 2020 |
| * Built Python AWS Lambdas to compress and cache images to an S3 bucket, cutting down data usage. * 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** | 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, graduated August 2020. Cumulative GPA: 3.2 / 4.0. Departmental GPA: 3.3 / 4.0. | | |
| **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, TypeScript * Frameworks: FastAPI, Jupyter Notebook, Jinja2, OpenAPI, React, Sphinx * Databases: Dynamo, MySQL, Postgres, Redis * Infrastructure: AWS Lambda, CloudFront, DynamoDB, EC2, Serverless, S3, SQS, SNS, Terraform * CI/CD: CircleCI, GitHub Actions, SonarCloud * Observability: Elastic APM (Kibana), Logz.io, Sentry | | |