

# Nathan Beebe

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## EXPERIENCE

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### Boomi, LP.

*Software Engineer*

Remote

*Co-op, Oct. 2021 - Mar. 2022*

- **Java, Spring Framework, Maven:** Designed, tested, and developed backend web services to create reusable software artifacts to act as building blocks to unify all Boomi products utilizing Spring Framework concepts such as aspect oriented programming
- **Ubuntu 20.04 LTS:** Worked on developing features in a Linux environment heavily reliant on proprietary command line interface tools to use Docker containerized environments for development
- **JUnit, Mockito:** Utilized test driven development strategies to develop reliable code for features by testing against software requirements in integration tests and unit tests in Java testing frameworks
- **AWS:** Deployed features to test environments using Jenkins Build pipeline to ensure functionality is as expected when developing features

### iPipeline, Inc.

*.NET Developer*

Exton, PA

*Co-op, Sept. 2020 - Mar. 2021*

- **.NET Framework:** Worked as a Co-op developer in iPipeline's R&D department. Used Visual Studio Pro and .NET Framework to develop a desktop application in C# that automatically updates iGO Life insurance forms software for insurance agents.
- **GitHub Migration:** Worked on a team that was migrating and configuring .NET solutions to GitHub from Microsoft Azure DevOps TFS. Effort was to enable company to utilize an AWS Jenkins deployment solution.

### The Vanguard Group

*Developer*

Malvern, PA

*Co-op, Sept. 2019 - Mar. 2020*

- **Angular:** Developed component based front-end interfaces and unit tests for the Vanguard Financial Advice web application. System was used to input client information and generate long term financial plans.
- **Java:** Wrote back-end web service functions to handle data parameters sent to endpoints.
- **AWS:** Used DynamoDB to handle application cloud data storage.
- **Agile:** Developed features in 2-3 week sprints, featuring daily scrums, and backlog/assignment tracking in JIRA.

## PROJECTS

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**Entity Relation Diagram App:** Worked on building React web application to create detailed note taking tools for Dungeons and Dragons table top gaming.

**Drexel EWB Website ([www.drexlewb.com](http://www.drexlewb.com)) :** Volunteered for Drexel Engineers Without Borders chapter to develop a website for the organization. Used ReactJS hosted on Google Firebase hosting with custom domain name and Google Analytics package.

**Local Ubuntu Server:** Repurposed old computer components to create a local network Ubuntu Server running version 20.04.

**Dragon Pass Authenticator:** Worked on a team to develop an Android application which used NFC technology to prototype authentication into physical areas using a smartphone app. App used AWS EC2 to handle requests to a AWS RDS MySQL Server holding account details.

## EDUCATION

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### Drexel University

*Bachelor of Science in Information Systems; GPA: 3.88, Pennoni Honors College*

Philadelphia, PA

*September 2018 - June 2023*

## SKILLS

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**Languages:** Python, Java, JavaScript (NodeJS), HTML, CSS, SQL

**Frameworks/Libraries:** Angular, React.JS, Microsoft .NET, Spring

**Server Operating Systems:** Windows Server, Ubuntu CLI 20.04

**Public Cloud:** Amazon Web Services, Microsoft Azure DevOps Server (TFS)

**Collaboration Tools:** Jenkins, Git/Bash, Atlassian JIRA, Confluence, and Bamboo Build Pipeline