Nathan Beebe

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EDUCATION

Drexel University   Philadelphia, PA
Bachelor of Science in Information Systems; GPA: 3.88, Pennoni Honors College   *September 2018 - June 2023*

EXPERIENCE

Boomi, LP.   Remote
Software Engineer   *Co-op, Oct. 2021 - Mar. 2022*

- **Java 11, 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 on an Agile software development team utilizing Spring Framework concepts such as aspect oriented programming
- **Ubuntu 20.04 LTS**: Worked on developed features in a Linux environment heavily reliant on proprietary command line interface tools to use containerized environments and Java command line tools
- **JUnit, Mockito**: Utilized test driven development strategies to develop reliable code for features by testing against software requirements as tests
- **AWS**: Deployed features to test environments using Jenkins Build pipeline to ensure functionality and meet the defined definition of done

iPipeline, Inc.   Exton, PA
.NET Developer   *Co-op, Sept. 2020 - Mar. 2021*

- **Microsoft .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 that operate in areas without internet.
- **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 deployment solution which used Jenkins and incorporated Octopus to manage environment variables.

The Vanguard Group   Malvern, PA
Developer   *Co-op, Sept. 2019 - Mar. 2020*

- **Angular**: Developed 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

Drexel EWB Website (www.drexelewb.com) : Volunteered for Drexel Engineers Without Borders chapter to develop a website for the organization. Used ReactJS hosted on GitHub Pages 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.

Alpha Vantage Stock Market API: Wrote a Python script to call the Alpha Vantage API, and then prepared stock market price data to be stored in MongoDB.

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

Twitter API: Wrote PHP web page to create a popular key word search and return ten tweets in HTML table.

SKILLS

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