

# Nathan J. Beebe

<https://www.linkedin.com/in/nathan-beebe/>  
<https://github.com/hg-mercury-201>

njb99@drexel.edu  
+1-484-682-2444

## EDUCATION

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### Drexel University in Philadelphia

*Bachelor of Science in Information Systems; GPA: 3.82, Pennoni Honors College*

Philadelphia, PA

*September 2018 - June 2023*

## EXPERIENCE

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### The Vanguard Group

*Developer*

Malvern, PA

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

- **Angular 8:** Developed front-end interfaces, and unit tests for the Vanguard Financial Advice web application, used by financial advisors.
- **Java:** Wrote back-end web service functions to handle data parameters sent to endpoints.
- **AWS:** Used DynamoDB to handle cloud data storage for the application.
- **Agile:** Developed features in 2-3 week sprints, featuring daily scrums, and backlog/ assignment tracking in JIRA.

### Sharing Excess Inc.

*Principal Developer*

Philadelphia, PA

*Nov. 2018 - June 2019*

- **G Suite:** Setup short-term food data collection system using Forms, and Sheets to record food donation data.
- **MySQL:** Prototyped and designed database schema to handle data related to food donation, and volunteer tracking/ scheduling.
- **HTML,CSS,PHP:** Prototyped front-end interfaces for organizational membership management.

## PROJECTS

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

**Dragon Pass Authenticator:** Worked on a team to develop an Android application. Used NFC smartphone 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.

**Twitter API:** Wrote PHP web page that enables users to do a popular key word search and return ten tweets in HTML table.

**Personal Website:** Wrote HTML, CSS, and JavaScript personal webpage as an exercise in markup writing and web page styling.

## SKILLS

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**Languages:** Python 3, Java, PHP, JavaScript (NodeJS), HTML5, CSS, LaTeX

**Frameworks:** Angular 8, React.JS

**Server Operating Systems:** Windows Server, Ubuntu CLI 18.04

**Public Cloud:** Linode Servers, AWS

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

## INTERESTS

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**PC Building:** I build high performance computers for games, programming, and music recording.

**Music Recording:** I record music on my compute, and I am learning how to use Ableton Live digital audio software.

**Guitar:** I have been playing electric, and acoustic guitar for 15 years, and I have played in multiple ensembles for charitable, personal, and education reasons.

**Drexel Track Club:** I am a recreational runner with an interest in middle distance running, and personal fitness training.

**Member of Drexel Engineers Without Borders:** Web Developer for the Drexel Engineers Without Borders chapter.