

Ari Bailey

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Education

University of Maryland Honors College / B.S. Computer Science with President's Scholarship; ACES (Advanced Cybersecurity Experience) minor; GPA: **3.892**

Expected completion December 2022 (3.5 years). Relevant Coursework: Object-Oriented Programming II, Discrete Structures, Computer Systems, Advanced Programming Languages, Algorithms, Applied Probability and Statistics, Linear Algebra

Skills

Languages: Java since 2014; Some Python; Semester each: OCaml, Ruby, C
IDEs: Eclipse, VSCode, Jupyter Notebook

Technical Experience

Jewish Federation of Princeton Mercer Bucks / Coding and Consulting Intern

Summer 2019-Present

- Wrote **Java** programs to help manage clientele database of 800+
- Consolidated and pruned data from **Blackbaud eTapestry** reports
- Implemented **Apache POI Library** to generate excel spreadsheets

Roundview Capital / Programming and Data Analyst Intern

Summers 2016 and 2018

- Built a leveraged buyout calculator application in **Java** for company clientele.
- Compiled stock data from **Bloomberg**, **IEX**, and **Alpha Vantage**
- Implemented multivariate regressions in **Python** using **scipy** and **statsmodels** libraries

Other Experience

Boy Scouts of America / Eagle Scout

Aug. 2019

Led team of scouts and adults and **cooperated with** local government to create and mark trails, sign and bench for Eagle Scout project.

University Honors Transition Council

Sep. 2019 - May 2020

Assimilated feedback from peers and **made insights** with fellow council members to transform the HONR 100 class and helped appoint a full-time staff position devoted to the University Honors student experience.

Interests

Distance running 4yrs (in club running); skiing; built bike; cooking; clarinet and electric bass. Favorite novel: *Catch-22* by Joseph Heller