

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: 3.915

Expected completion Spring 2023 (7 semesters).

Relevant Coursework: Object-Oriented Programming II, Discrete Structures, Computer Systems, Advanced Programming Languages, Algorithms, Computer and Network Security, Data Science, Applied Probability and Statistics, Linear Algebra

Skills

Languages: Java, Python and C#; **Beginner:** HTML, CSS, JS, Angular, TypeScript, OCaml, Ruby, C,

IDEs: Eclipse, VSCode, Visual Studio, Jupyter Notebook

Technical Experience

CoStar Group (Washington, D.C.) / Technology Intern II

June 2021-August 2021

- Wrote **C# endpoints** for contract upload and download secured by **JWT**
- Built **responsive UI (Angular/C# Controller)** to test previous **API**
- Built **Angular/C#** utility w/ **EchoSign API** displaying info for **10,000+** users. Implemented singleton service to maintain **OAuth** access token.

Jewish Federation of Princeton Mercer Bucks / Coding and Consulting Intern

July 2019-June 2021

- 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
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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.

Interests

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