

# Ari Bailey

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College Park, MD  
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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

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## Skills

**Languages:** Java since 2014; Intermediate Python and C#; Beginner: OCaml, Ruby, C, HTML, CSS, JS, AngularJS, TypeScript

**IDEs:** Eclipse, VSCode, VS, Jupyter Notebook

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## Technical Experience

**CoStar Group (D.C.)/ Technology Intern II**

June 2021-August 2021

- Wrote **C# API** endpoints for contract file upload and download secured using **JWT**
- Built **AngularJS UI** and **C# Controller** to test previous **API**
- Built **AngularJS/C#** utility to display EchoSign status for **10,000+** users

**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.

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## Interests

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