

# Ava J. Williams

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## WORK EXPERIENCE

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### Optum Digital (Formerly Rally Health)

June 2022 – Present

*Full Stack Software Engineer 2*

*Washington, DC*

- Implemented and maintained cost calculating applications so that patients can find affordable, local care.
- Served in the Dev on Call rotation, managing production releases, and mitigating outages or complications.
- Optimized software efficiency, addressed roadblocks, and debugged errors by leveraging in-depth knowledge of the codebase.
- Saved Optum \$400 Million by efficiently meeting federal compliance requirements and implementing the vision estimate experience for users, enhancing the member experience with estimates for lenses and contacts.
- Leveraged a Redis Cache in order to reduce frequent calls, improving runtime and efficiency.
- Automated testing to validate accuracy and stability of web applications using WebdriverIO.

### Rally Health

June 2020 – June 2022

*Full Stack Software Engineer*

*Washington, DC*

- Adapted Angular into modern React Native for a streamlined UI as a member of the UI-Modernization Team.
- Constructed a DAO database wrapper for cost retrieval and subsequent backend price calculation service.
- Created a Datadog dashboard to monitor performance of real-time metrics for cost applications.
- Spearheaded an informational session of Banzai, an internal schema generation tool Rally utilized daily.

### Rally Health

May 2019 – Aug. 2019

*Full Stack Software Engineering Intern*

*Washington, DC*

- Developed frontend AngularJS and backend Scala for a variety of projects regarding wearable devices.
- Implemented mapping, evolutions, and tables for tracking instances.
- Employed internal and external counterparts for API, client and controller level of methods.
- Updated UI to be ARIA and TAB keyboard accessible.

### Rally Health

May 2018 – Aug. 2018

*Full Stack Software Engineering Intern*

*Washington, DC*

- Assisted with both the frontend React and backend Scala development of client websites.
- Updated website UI, verbiage, and guided search implementation.
- Collaborated with interns to construct an interface for interpreting repository's purpose, ownership, and size.
- Streamlined, implemented, and updated automated/unit testing.

### Forward Advantage Inc.

June 2014 – Aug. 2017

*Software Engineering Intern*

*Braintree, MA*

- Developed configuration tools as well as a data transformation engine to convert data from one CSV format to another utilizing C#.
- Assisted team members with conversions of document management systems as contracted by hospitals.
- Monitored data extraction from hospital computers and conversion processes.

## EDUCATION & LEADERSHIP

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### University of Maryland, College Park

May 2020

*Bachelor of Science, Computer Science*

- **Technology Entrepreneurship Minor:** Focus of study on technological emphasis within growing companies.
- **Kappa Theta Pi:** Philanthropy Team; Member of coed Professional Academic Technology Fraternity.
- **Open Souncery:** A software engineering club encouraging project collaboration, workshops, and innovation.

## SKILLS

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- **Technical:** Java, Scala, Python, JavaScript, Angular, React, GraphQL, PostgreSQL, and REST.
- **Tools:** Git, Datadog, Splunk, Docker, GitHub Copilot, ChatGBT, and Microsoft Teams.
- **Certifications:** Google Cloud Introduction to Generative AI, Large Language Models, and Responsible AI