

# Anita Padman

[apadman22@gmail.com](mailto:apadman22@gmail.com) | (630) 313-9388 | [linkedin.com/in/anita-p2](https://www.linkedin.com/in/anita-p2) | [a-padman.github.io](https://a-padman.github.io)

## WORK EXPERIENCE

### Honeywell

January 2022 – Present

#### Software Engineer I

Atlanta, GA

- Configure content delivery network (CDN) support using RequireJS and the Niagara 4 Java framework to offload web resource requests from JACE 8000 IoT controllers, thereby improving page load times by 15%
- Implement sub resource integrity (SRI) checks for remote Niagara CDNs using JavaScript to inject a unique integrity attribute to each host file and prevent middleman security attacks
- Design and build a message publisher and listener using the Spring MVC framework to schedule send Niagara station usage metrics to an Azure service bus topic for consumption by a PostgreSQL database
- Engage in software verification testing on both Niagara core and cloud offerings to assess scenarios according to business requirements and conduct error handling

#### Software Engineering Intern

June 2021 – August 2021

- Created a new field editor feature using Tridium Inc.'s spandrel API and JSX extension to allow users to manipulate color instances on the Niagara 4 property sheet view in the browser
- Initiated a proof of concept for Niagara HTML5 CDN support with RequireJS and a Python HTTP server to cache duplicate network requests from Niagara stations
- Practiced test-driven development (TDD) with integration and unit tests in Karma and Jasmine

### TIAA (Teachers Insurance and Annuity Association)

June 2020 – August 2020

#### IT Engineering Intern

Charlotte, NC

- Developed Python scripts using the AWS Boto3 SDK to automate the migration of local files and retrieval of archived files to/from the Deep Glacier storage class within S3
- Built a daily operational checkout environment using SharePoint designer and Microsoft Power Automate to manage sign-off reports and provide an audit trail for the CIS Engineering team
- Remodeled the Data Protection Services team webpage using Confluence web design to showcase their services to internal customers

## LEADERSHIP + PROJECTS

### Bit Project

January 2021 – December 2021

#### Lead Student Experience Coordinator (February 2021 – December 2021)

- Monitored student progress and summarized course feedback from all serverless boot camp participants
- Conducted outreach to introduce students from non-traditional technical backgrounds to serverless compute

#### Serverless Bootcamp Student (January 2021 – March 2021)

- Participated in an 8-week mentorship program co-hosted by Microsoft Azure developers to learn fundamentals about serverless architecture, cloud engineering, and third-party APIs
- Built "Dine the Distance", a web application which utilizes HTTP triggers, Azure Maps, and Twilio to text restaurant recommendations between two user-specified locations based on cuisine preference

### Society of Women Engineers

August 2018 – December 2021

#### Fundraising Committee: Creativity Chair (August 2018 – May 2019)

- Coordinated fundraising events co-hosted with campus student organizations open to active society members
- Attended weekly meetings to organize and plan social event logistics to raise money for SWE

## EDUCATION

### University of Illinois at Chicago

December 2021

B.S in Computer Science

College of Engineering Dean's List (Fall 2018-December 2021)

Selected Coursework: Object Oriented Programming, Systems Programming, Database Systems

## SKILLS

**Languages:** Java, JavaScript, HTML/CSS, Python, C++, SQL

**Frameworks and Tools:** Spring Boot, Git, Gradle, Maven, Grunt, Jira, Bamboo, OpenShift, Octopus Deploy, Coverity