

Anita Padman

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WORK EXPERIENCE

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|---|-------------------------|
| Honeywell | January 2022 – Present |
| <i>Software Engineer I</i> | Atlanta, GA |
| <ul style="list-style-type: none">• Architect and integrate an Azure messaging service using Spring JMS to asynchronously publish and ingest 7+ million device usage metrics between WebAPI microservices and Postgres databases daily• Develop Python scripts run as Kubernetes CronJobs to automate the re-submission of Azure service bus dead letter queue messages across all current and future production environment topics• Implement Spring REST APIs and web clients to provision and register building devices to the Niagara Cloud platform• Integrate fine grained access control and Spring Boot JWT authentication configurations to ensure necessary security pre-authorizations between the UI and backend controllers of various data services• 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%• Incorporate sub resource integrity (SRI) checks for Nginx CDNs using JavaScript to inject a unique integrity attribute to 50,000 host files and prevent middleman security attacks | |
| <i>Software Engineering Intern</i> | June 2021 – August 2021 |
| <ul style="list-style-type: none">• 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 |
| <i>IT Engineering Intern</i> | Charlotte, NC |
| <ul style="list-style-type: none">• 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

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| Bit Project | January 2021 – December 2021 |
| <i>Lead Student Experience Coordinator (February 2021 – December 2021)</i> | |
| <ul style="list-style-type: none">• 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 | |
| <i>Serverless Bootcamp Student (January 2021 – March 2021)</i> | |
| <ul style="list-style-type: none">• 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 Node.js web application which utilizes HTTP triggers, Azure Maps, and Twilio to text restaurant recommendations between two user-specified locations based on cuisine preference | |

EDUCATION

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| 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, UI Design | |

SKILLS

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- Languages:** Java, Python, JavaScript, HTML/CSS, C++, SQL
- Frameworks and Tools:** Spring Boot, Git, Maven, Gradle, Grunt, JUnit, Jira, Bamboo, OpenShift, AKS, Octopus Deploy
- Certifications:** Azure Fundamentals (AZ-900), Azure Developer Associate (AZ-204)