

# Michael Gill

Philadelphia, PA | gill984.github.io

## EXPERIENCE

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### Capital One

Philadelphia, PA

Senior SW Engineer, Principal Associate

October 2023 - Present

- Developed a cutting-edge AWS-based system that acts as the pivotal hub for millions of daily transactions.
- Implemented a testing model, integrating all ten of the team's components into a new testing framework.
- Provided production support as part of on-call rotation, resolved SEVs, and managed Change Orders.
- Rapidly onboarded to the team, achieving AWS Certified Solutions Architect Associate certification.
- Led effort to resolve a memory leak by using memory analyzer tools and a new performance environment.

### Meta (Formerly Facebook)

NYC, NY (Remote)

Senior SW Engineer E5

February 2022 - June 2023

- Wrote code in Python, Hack/PHP, and SQL which is used by millions of Facebook Dating users.
- Personally designed and implemented multiple projects that reduced scammer prevalence metrics by over 50%.
- Created an auto-balancing prioritization system which optimally enforces on the most harmful users first.
- Utilized cutting edge A/B testing tools to study actual project effectiveness and make optimal launch decisions.
- Quickly established as the go-to reference for Dating Integrity Enforcement systems.

### L3Harris Corporation

Melbourne, FL

Chief SW Engineer

June 2013 - January 2022

- Led a team of three aircraft software engineers from project inception through formal qualification testing.
- Served as a department group leader, managing a group of seven software engineer's professional development.
- Developed and maintained project plans, schedules, and budgets, to ensure timely releases to the customer.
- Designed and implemented a proprietary algorithm which increased packet on time rate to 99.9%.
- Led effort to integrate legacy modem software with a DevOps pipeline, resulting in 70% faster deployments.

## EDUCATION

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University of Florida, Gainesville FL

2009 - Spring 2013

B.S. Computer Software Engineering, Math Minor

GPA: 3.64 / 4.0

## SKILLS, LANGUAGES, AND CERTIFICATIONS

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**Skills:** AWS, Agile, Jira, Confluence, Git, Jenkins, SW Testing, Leadership, Teamwork

**Languages:** Java, C/C++, Python, Hack/PHP, Javascript, SQL

**Certifications:** AWS Certified Solutions Architect Associate

## INVOLVEMENT

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**High School Programming Lessons:** Held lessons for high school students on Android programming.

**L3Harris Programming Competition:** Organized and held a custom programming competition for employees.