

Gabriella Farrisi

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Education Temple University – College of Science and Technology
Bachelor of Science in Information Science and Technology
GPA: 3.61 – Dean's List

Philadelphia, PA
Expected Graduation: May 2020

Technical Skills	Java	Python	C#
	HTML/CSS	AWS	SQL
	JavaScript	CMS	REST API

Technical Experience

Software Developer Intern – Comcast Jan 2019 to Present

- Support full stack, agile development for www.xfinity.com website which receives over 6 million requests per day
- Develop and wire content modules for Sitecore CMS, utilizing performance advantages of React.js
- Automate tests using Nightwatch.js to build out CI/CD pipeline enabling the DevOps paradigm

Teaching Assistant – Temple University July 2019 to Present

- Engage students by teaching component-based software development in C# and mentoring students in grasping object-oriented programming concepts
- Redesign curriculum to introduce students to cloud systems of AWS through technical hands on labs

Research Assistant – Neuroeconomics Lab Oct 2018 to Jan 2019

- Data preprocessing and analysis on fMRI brain scans using Python's PsychoPy
- Administration of instructional appointments for participants being scanned by fMRI machines

Test Engineer Intern – Lockheed Martin May 2018 to Dec 2018

- Created GUI for test technicians to initialize tests, update test parameters, see tests being run etc.
- Wrote test code to fire electronic explosive controller circuit board
- Improved procedures for testing throughout the company using Automation Framework

Technical Projects

- ❖ **Blackjack Confidence Test** – Used Java to analyze near misses in Blackjack for neuro study
- ❖ **Amazon Alexa Pi** - Assembled Raspberry Pi with Raspbian Operating Systems using AWS

Volunteer & Leadership

Founder & President - STARS Computing Corps Oct 2018 to Present

- Founded STARS CC to expand computing diversity in Philadelphia through mentoring, workshops, professional speaker events, and tutoring
- Organize and lead programs to mentor and teach computer science to underrepresented public schools

Vice President - Association for Computing Machinery (ACM) Sept 2018 to Present

- Coordinate professional development workshops for Computer Information Science students
- Set up company recruitment events to teach undergraduates about positions in the tech field

Instructor - TechGirlz Dec 2017 to Present

- Work with teams of 5 instructors to teach 15 – 20 female middle school students the fundamentals of technology
- Courses taught: "Intro to Encryption—How to Protect Your Information", "What's Inside a Computer?", "Forking, Cloning, and Creating a Website with Git/GitHub", "Making a Website Using HTML/CSS"

Community Service Officer – ACM-W Sept 2018 to May 2019

- Organized community student outreach events working with established organization such as TechGirlz

Student Ambassador – Computer and Information Science Sept 2018 to May 2019

- Communicated with prospective CIS students about opportunities at Temple University