

Jared Raiola

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WORK EXPERIENCE

Putnam County PILOT Program

Office of IT/GIS Intern

June – August 2019

Mahopac, NY

Interned for the PILOT program in the Geographic Information Systems department, where I created, documented and implemented multiple workplace applications based on user requirements to meet current industry standards and overall improved processes for the company

- Locator: Created a web application PHP, JavaScript, SQL, HTML and CSS that showed the geographic location of all office users and replaced the previously outdated system, which increased accountability and efficiency
- Observe: Developed a screenshot application in Python that logged into a website and copied the HTML to a local file, allowing for network diagnostic information to be incorporated into a Xibo display board for increased monitoring of usage statistics
- ClassroomCopy and ClassroomDelete: Developed PowerShell scripts to access a source file path, copy all files in that region, paste them at a specific destination and delete them from original source, designed specifically to allow quick transfer of civil service exam results, improving turnaround time and improved file organization

TCB Construction (Summers)

IT Department

June 2015 – August 2019

Mahopac, NY

- Developed a GUI Format Files program using Python to format work proposal forms to help automate calculating proposal costs, which streamlined paperwork efficiency
- Improved the company's customer engagement through hundreds of phone calls and emails
- Developed skills in customer relations, IT support and file management

Kobu Asian Bistro

Bartender/Waiter

May 2015 – August 2019

Mahopac, NY

- Greeted customers, coordinated seating, served clients, prepared beverages and maintained provisions which developed skills in customer relations, financial, and organizational management

EDUCATION

Georgia Institute of Technology

Bachelor of Science, Computer Science

Anticipated Graduation: May 2021

Atlanta, GA

Focus Curriculum:

- Information Infonetworks: Capturing, representing, organizing, transforming, communicating, and presenting data so that it becomes information
- Systems and Architecture: The organization of computer systems and how they are built

Coursework: SQL Databases, Project Design and Implementation, Computer Networking, Algorithms, Web Application design, Compilers and Interpreters design, Processor Design, Object Oriented Programming, Discrete Mathematics, Combinatorics

Mahopac National Honor Society, Top 10%

June 2017

LEADERSHIP EXPERIENCE

Vertically Integrated Project (VIP) Team Project Leader

2019 – 2020

- Created an Intelligent Review System for students and professors to track and manage trends in class performance over various semesters
- Managed team members, hosted weekly team meetings, made design decisions and participated in full stack development for the duration of the project

Delta Upsilon Fraternity Regional Leadership Academy

2019 – Present

- Selected to learn how to lead groups of peers in both academic and non-academic environments

Delta Upsilon Fraternity Assistant House Manager

2019 – 2020

- Performed services such as calling repair technicians, ordering and restocking various household supplies and managing the tenancy of 33 occupants

SKILLS, INTERESTS & PERSONAL PROJECTS

Projects: HLog (Human Log health iOS application), WebGameBots (Python, automating web tasks & games)

Languages: Java; Python; C++; C; Assembly; Swift; Scala; Verilog; PHP; JavaScript; HTML; CSS; SQL; PowerShell

Interests: Web development; cyber security; game development; playing music; traveling; skiing; hiking; tennis

<https://www.linkedin.com/in/jared-raiola>

<https://github.com/JaredRaiola>

<https://github.gatech.edu/jraiola3>