Jared Raiola

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WORK EXPERIENCE

Putnam County PILOT Program   **June – August 2019**
Office of IT/GIS Intern   *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
- o 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
- o 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
- o 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)   **June 2015 – August 2019**
IT Department   *Mahopac, NY*
- o Developed a GUI Format Files program using Python to format work proposal forms to help automate calculating proposal costs, which streamlined paperwork efficiency
- o Improved the company's customer engagement through hundreds of phone calls and emails
- o Developed skills in customer relations, IT support and file management

Kobu Asian Bistro   **May 2015 – August 2019**
Bartender/Waiter   *Mahopac, NY*
- o 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   **Anticipated Graduation: May 2021**
Bachelor of Science, Computer Science   *Atlanta, GA*

Focus Curriculum:
- o Information Infonetworks: Capturing, representing, organizing, transforming, communicating, and presenting data so that it becomes information
- o 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; React; Node.js; C++; C; Assembly; Swift; Scala; Verilog; PHP; JavaScript; 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