

Jason Matthew Ren

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EDUCATION

Washington University in St. Louis

Sophomore Computer Science Student; GPA: 3.22

St. Louis, MO

Aug. 2017 – May 2021 (expected)

- **Relevant Coursework:**

- * Logic and Discrete Math
- * Web Development
- * Data Structures and Algorithms
- * Introduction to Digital Logic and Computer Design
- * Rapid Prototyping and Development

Great Valley High School

SAT: 2360 (800CR/800M/760W)

Malvern, PA

Aug. 2013 - June 2017

EXPERIENCE

Washington University Institute for Public Health

Data Analyst

St. Louis, MO

Aug 2018 - Present

- **Scripting:** Wrote scripts to clean, standardize, and merge violent injury visitation data from local St. Louis emergency rooms, and created a patient identification system utilizing hash codes.
- **Data Cleaning:** Wrote scripts to clean and beautify data on St. Louis County Police violent crime incidents.

Lavner Camps and Programs

Technology Instructor and IT Technician

Narberth, PA

May 2018 - Aug. 2018

- **Technology Instructor:** Taught kids aged 7 to 12 the basics of programming with Python and Java. Was responsible for leading classroom instruction, as well as camper safety.
- **IT Technician:** In an office setting, installed various pieces of software on hundreds of computers to be distributed to multiple camp locations. Wrote scripts to automate the process.

PrimBio Research Institute LLC.

Software Intern

Exton, PA

June 2016 - Aug. 2016

- **Python:** Added to and edited a script written in Python that converted data from .fastq filetype to .fasta and subsequently compressed said data using 7zip.
- **Data Visualization:** Analyzed and formatted raw cell count data of various bacteria within samples into corresponding taxonomic ranks for customer presentation.
- **Website Development:** Refined and simplified navigation of the website, and also updated company information and services.

PERSONAL PROJECTS

rpg-clicker-game: An incremental RPG game written in HTML (using Bootstrap), and JavaScript and JQuery.

personal-website: A personal website written in HTML (using Bootstrap) and CSS.

caesar-cipher: A short Python program written to educate young teens on programming principles and basic encryption.

resume: This resume, which is typeset in LaTeX!

ADDITIONAL INFORMATION

Member of Alpha Delta Phi: PR Manager for Alpha Delta Phi's Washington University Chapter.

Member of Campus Y: Volunteer at local St. Louis animal shelter.

National Merit Finalist: 1500/1520 on October 2015 PSAT.

Interests and Hobbies: Philadelphia Eagles, data science, web-application development, violin performance, underground music, mechanical keyboards, video game development, writing, photography.

SKILLS

Languages: Python 3, Java, PHP, MySQL, C#, C, HTML, JavaScript, CSS, LaTeX

Technologies: Apache, Amazon EC2, Linux, Unity, Slack, Git, Google App Suite, Microsoft Office