Renjie Zhou

Hoboken, NJ, 07030
609-933-0310
✉ rzhou10@gmail.com
⌂ rzhou10.github.io
in rzhou10
rzhou10

Education

Aug 2014 - May 2019 **B.E. Computer Engineering**, *Stevens Institute of Technology*, Hoboken, NJ.
- IEEE student branch
- Stevens Computer Science Club (SCSC)
- Society of Asian Scientists and Engineers (SASE)
- Filipino Association of Stevens Tech (FAST)

Work Experience

Jul 2019 - Present **Software Developer**, *Sphere Technology Solutions*, Hoboken, NJ.
- Primarily involved on Sphereboard, a platform that allows users to see the status of folders on the user's system to determine if they are at risk.
- Fixed UI bugs to fix broken functionality, and changed stored procedure logic to return accurate information.
- Added new features to improve usability, such as the violation work table and the suspected admin finder.
- Modified the Connectors and Ingestor to collect/process additional information about files and folders, and to improve stability.

Jun 2018 - Aug 2018 **Intern**, *MedAZ.net*, West Windsor, NJ.
- Built RESTful APIs to dynamically retrieve and update website data.
- Utilized OATH authentication to allow password-less login via external services such as Facebook or Google.
- Sped up database access by replacing the previous Entity Framework with the faster Dapper ORM library.

Jul 2017 - Aug 2017 **Developer Intern**, *MedAZ.net*, Princeton Junction, NJ.
- Refactored the MaiEDEN web app to improve user accessibility and usability.
- Changed the color and position of buttons.
- Added functionalities such as a contact form, and a new service page.

Nov 2015 - May 2018 **Publication Assistant**, *Stevens Physics Department*, Hoboken, NJ.
- Transcribed supervisor's research papers in LaTeX in preparation for publication.
- Retrieved articles from journal publications for supervisor's collection.
- Aided the supervisor with personal tasks, such as delivering items between his apartment and his office.

Jun 2014 - Aug 2014 **Information Technology Services Summer Intern**, *The Lawrenceville School*, Lawrenceville, NJ.
- Set up computers for general usage and added new software.
- Tested and reported on status of various equipment around campus.
- Assisted with setup of equipment training of participants in different summer program participants.
- Completed administrative tasks such as document scanning, and organizing computer lab spaces.

Projects

Remedics A **React.js** web app that allows doctors to send personalize questionnaires to their patients for a better, accurate diagnosis.

GEDCOM (genealogical data) parser A **Python** GEDCOM file parser to display information about a family tree, such as living people, and catch errors, such as incorrect dates.

Music Search and Recommendation A **JavaScript** web app to find songs based on user defined query (title, artist, etc).

Boss Fight A **Java** turn based game where one fights 7 bosses in a row.

Movie Data A **Python** program to collect statistics about movies that I have watched, such as average run time and box office.

Skills

Languages C#, CSS, HTML, Java, JavaScript, Python, SQL

Tools/Technology Git, Jira, LaTeX, Ubuntu, Visual Studio, Visual Studio Code, Windows

Web Tools ASP.NET, Express.js, Node.js, React.js, Vue.js