

Jingfei Shi (Jenny)

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EDUCATION

Rutgers University • New Brunswick, NJ

B.S. in Computer Science • B.A. in Chinese Language

May 2014

GPA: 3.949

Summa Cum Laude • Highest Honor in Computer Science and Chinese • School of Arts and Sciences Honors Scholar • College Scholars Scholarship (2014) • Clarence Garretson Scholarship (2013, 2012) • Rutgers Academic Excellence Award (2012) • Dean's List (all semesters)

SKILLS

Programming Languages: Java, PHP, SQL, C, Python

Web Languages: HTML, CSS/Sass, JavaScript

Libraries & Frameworks: jQuery, Foundation, Bootstrap, Python Flask

OS & Software: Mac OSX, Linux, Terminal, Vim, Git, Eclipse, Photoshop

Languages: Mandarin Chinese (Fluent RWS), Spanish (Proficient R)

EXPERIENCE

Web Development Intern, AT&T Inc. • Alpharetta, GA

Summer 2014

Summer 2013

- Developed tools using PHP, SQL, HTML/CSS/JS to dynamically generate data tables and reports
- Expanded system schema with new UI modules used for administrative tasks
- Created database tables and front end services for easy modification of internal data

Instructional Lab Assistant, Laboratory for Computer Science Research • New Brunswick, NJ

2013 – 2014

- Tutored students with Java, C, and programming/data structure concepts
- Provided feedbacks and code reviews for students in introductory CS courses
- Monitored clusters of machines, troubleshoot technical issues to ensure lab availability

Computer Lab Consultant, New Brunswick Computing Services • New Brunswick, NJ

2012 – 2013

- Provided technical assistance and customer service to University lab patrons
- Maintained computers, printers, and media equipment with multiple teams of coworkers

RESEARCH

Rutgers Room Scheduling Optimization

2013 – 2014

Rutgers Department of Computer Science: Senior Thesis

- Analyzed the University Course Timetabling Problem in terms of Rutgers course scheduling system
- Explored ways to algorithmically assign classes of the same academic major to rooms in geographic clusters
- Proposed automated solution to optimize current manual process, using Java, Gson library, and Python

Effect of the National College Entrance Examination on the Lives of Chinese Students

2011 – 2012

Rutgers Aresty Undergraduate Research, Department of Educational Theory, Policy & Administration

- Interviewed students and professors from universities across China, conversations conducted in Mandarin Chinese
- Examined ways economic, geographic, and social factors contribute to students' examination performances

OTHER ACTIVITIES

Webmaster, Rutgers Chinese Dance Troupe

2012 – 2014

- Created custom website layout using the Foundation framework, HTML5/CSS3, and jQuery
- Designed 20+ fliers and banners for events, generated promotional ideas with club officers

Peer Mentor, Rutgers Women in Computer Science

2010 – 2013

- Guided students in solving programming problems, reviewed algorithms and other CS coursework
- Provided additional academic support and advices outside of club meeting hours