Rachel Wang

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EDUCATION

Massachusetts Institute of Technology — Cambridge, Massachusetts
Aug 2012 - June 2016

Candidate for B.S. in Computer Science || Intended Concentration in Education
GPA: 5.0/5.0
Relevant Coursework: Algorithms (6.006), Artificial Intelligence (6.034), Mathematics for Computer Scientists (6.042), Linear Algebra (18.06), Computation Structures (6.004), Software Construction (6.005)

EXPERIENCE

MIT Microsystems Technology Laboratories Student System Adminstrator — Boston, MA
IAP January 2014

Maintain a system of computers for MIT's Microsystems Technology Laboratories

Debug system software on Windows and Mac machines and troubleshoot problems

MIT MISTI-China Educational Technology Initiative — China and Taiwan
Summer 2013

Worked in a team of three to teach university students at Kunming University of Science and Technology, Southwestern University of Finance and Economics, and Yuan Ze University

Taught students introductory programming concepts, Python, and other STEM subjects

Organized engineering projects for the students to apply their STEM knowledge to design and build finished products

New England Chinese Youth Summer Camp || *Head Counselor, Counselor, CIT* — Weston, MA
2010 - Present

Trained a team of sixty staff to lead groups of campers during a week-long cultural camp, and oversaw planning and execution of evening activitied and staff meetings

Redesig a new camp website

Coordinated general camp operations with parent committee, such as streamlining processes and working within statewide camp policies

Led a group of twenty campers and organized daily activities

ACTIVITIES

TechX || *Finance Director, MakeMIT Co-Director, Marketing, HackMIT* — Sept 2012 - Present

Manage TechX's (formerly Techfair) finances and budget of over $400,000 for all events

Direct organization and planning of MakeMIT, a hardware hackathon in February 2014, for 200 students to build and design hardware-software projects during a two-weekend event

Designed and implemented MakeMIT website (http://makemit.org)

Publicize all of TechX's events, including Techfair (career fair tech expo with over 50 companies and 2,000 students in attendance), HackMIT, and TechTalks, through designing posters, constructing a photobooth, and building wooden blocks

Organized HackMIT during Fall 2013, bringing 1,000 hackers and nearly 100 companies to MIT for a 24-hour hackathon

Alternative Spring Break || *Treasurer, Freshman Representative* — Sept 2012 - Present

Manage payments, reimbursements, and budget proposals for Alternative Spring Break

Planned and led a community service trip for a group of ten MIT students during Spring Break to help Florida Introduces Physical Activity and Nutrition to Youth run a healthy lifestyle camp

Led eighty campers in various activities such as mountain biking, nutrition and cooking, environmental education, sports, and science

dynaMIT || *External Relations Board Member* — Sept 2012 - Aug 2013

Recruited middle school students in the Cambridge and Boston area for this week-long STEM camp program

Mentored middle school students through hands-on science and engineering activities

Worked with students to build and program LEGOS Mindstorms robots to complete tasks

Other: Sigma Kappa Sorority (*Class Representative, Recruitment Party Chair*), Asian American Association (*Cultural Chair*), Burton 5 (*living group treasurer*), DanceTroupe, ReachOut (*tutor*)

SKILLS

Python, HTML5, CSS, Git, JavaScript (novice), Java (novice), MATLAB (novice), InDesign, Illustrator, Microsoft Excel, Mandarin, French, Spanish, baking professional-looking cakes and cookies