Xinpei (Cindy) Liu

Software Engineer Intern at Microsoft

Summary

N/A

Experience

Software Engineer Internship at Microsoft

May 2017 - Present

Explorer Internship at Microsoft

May 2016 - August 2016 (4 months)

  - Designed, implemented and delivered a cross-product notification hub with two other teammates,
  • As a PM, interviewed potential customers, understood their needs and decided the scope of the notification hub.
  • As a PM., defined the user interface, created mockups and presented to potential customers
  • As a Dev, implemented notification hub from backend to frontend using SQL, C#, JavaScript (AngularJS, jQuery), ASP.NET SignalR, etc.

Research Assistant

June 2015 - July 2015 (2 months)

  • Tested the performance and accuracy of a coarse-grained RNA 3D structure prediction tool – NAST (The Nucleic Acid Simulation Tool, written in Python)
      - Run simulations with different size of RNA structures
      - Analyze the outcomes with different parameters
  • Fixed bugs in the program and implemented a tutorial for NAST
  • Provided feedback and suggestion of use with a report presentation;

Education

Rice University

Bachelor of Arts (B.A.), Computer Science, Cognitive Sciences, 2014 - 2018

Activities and Societies: Rice Ballroom Dance Team, Rice Computer Science Club, Rice University Society for Women in Computer Science (CSters), Rice Karate Club

St. Andrew's School

High school Diploma, 2011 - 2014

Activities and Societies: Chamber Chorale, National Honor Society, Main Stage Musical, Basketball/Lacrosse player/manager, Christmas Vesper/Spring Concert Coordinator

Shanghai Jincai High School

2010 - 2011
Activities and Societies: Debate Team, Model United Nations, Karate Club

Honors and Awards

Rhode Island Scholar, Martin Zimmerman Student Award, Beverly J. Colvin Choral Award

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Linked in.

Contact Xinpei (Cindy) on LinkedIn