

Yuzhan (Maggie) Ma

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EDUCATION

Washington State University
Master of Science in Computer Science
Cumulative GPA 3.93
Pullman, WA
August, 2016 - May, 2018 (Expected)

Cleveland State University
Bachelor of Science in Computer and Information Science (*Summa Cum Laude*)
Minor in Statistics, Mathematics, and Economics
Cumulative GPA 3.96
Cleveland, OH
August, 2011 – May, 2015

AWARDS & ACHIEVEMENTS

- Phi Mu Epsilon, Beta Gamma Sigma, and Golden Key International Honor Society 2014 – Present
- Washington State University Full-Tuition Waiver and Harold Frank Electrical Engineer Fellowship 2016 – 2017
- Cleveland State University Honors Program Scholarship Full-Tuition 2011 – 2015
- Cleveland State University Student Leadership Award 2013 – 2015

PROFESSIONAL ORGANIZATIONS

Institute of Electrical and Electronics Engineer (IEEE) 2017 – Present
Association for Computing Machinery (ACM) 2017 – Present

ANALYTIC & TECHNICAL SKILL

Programming Language: Java, C#, Ruby, and SQL Database Management: MySQL, MS SQL Server and Access
Web Development: ASP.NET and Ruby on Rails Quantitative Analysis: SAS and Minitab

WORK EXPERIENCE

Washington State University Software Engineering Laboratory
Research Assistant
Pullman, WA
August 2016 – Present

- Conducting research using Natural Language Processing and Information Retrieval techniques to improve Software Maintenance process
- Provided mentoring and assistance to senior undergraduate Computer Science students working on their senior design project

Amazon Corporate LLC
Software Development Engineer Intern
Seattle, WA
May 2017 – August 2017

- Developed full-stack application utilizing PostgreSQL and Model–View–Controller (MVC) architectural pattern to help Amazon Maps team visualize delivery efficiency and quality metrics

The Ringley Group
Software Development Intern
London, United Kingdom
May 2016 – August, 2016

- Developed Key Stock Inventory Control Web Application using Ruby on Rails (ROR) framework and MySQL database
- Created test criteria for applications in Test Driven Development (TDD) environment

TMW Systems
Software Developer
Cleveland, OH
July 2015 – April 2016

- Designed, developed, optimized, and tested client/server applications based on Microsoft's .NET platform
- Completed software maintenances tasks with over 95% success rate on the first submission

Cleveland State University
Teaching Assistant for Mathematics and Physics Courses
Cleveland, OH
August 2011 – May 2014

- Provided mentoring and academic instructional assistance to a group of 40-60 undergraduate students
- Conducted 2 to 4 scheduled sessions each week to review learning outcomes and roadmaps with mentees

Cleveland Clinic
SQL Developer Intern (CO-OP)
Cleveland, OH
June 2013 – December 2013

- Created various Dashboards using SQL databases, SSIS package, and Business Objects
- Developed application to predict the intensity of care necessary for patients after the knee-replacement procedure using SQL and SAS in order to increase staff efficiency

CERTIFICATION

SAS Certified Base Programmer for SAS 9 (Certification No. BP050427v9) June 2015