

Yuzhan (Maggie) Ma

+1 330.962.8120 | maggie_ma21@live.com | [linkedin.com/pub/yuzhan-maggie-ma/5a/624/143](https://www.linkedin.com/pub/yuzhan-maggie-ma/5a/624/143) | Skype: maggiema21

EDUCATION

Washington State University
Master of Science in Computer Science
Cumulative GPA 4.00
Pullman, WA
August, 2016 - December, 2017 (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

- Washington State University Full-Tuition Waiver and Harold Frank Electrical Engineer Fellowship 2016 – Present
- Phi Mu Epsilon, Beta Gamma Sigma, and Golden Key International Honor Society 2014 – Present
- 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 (AMC) 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

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 Clinic
Business Intelligence Intern
Cleveland, OH
January 2015 – May 2015

- Conducted 80-hour literature review on the current risk of in-patient readmission predictive models
- Collected and prepared around 26,000 patients' data for prediction model
- Researched and developed predictive model utilizing Base SAS and SAS Enterprise Minor

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
Intern SQL Developer (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