Hao Wu

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Objective: Looking for a Software Engineering and IT related fulltime position

EDUCATION

Northeastern University, Boston, MA   Sept. 2016 – May 2018

Master of Science in Computer Science | GPA 3.34 / 4.0

Related Courses: Web Development, Computer Networking, Cloud Computing, Network Security, Software Vulnerabilities

Michigan State University, East Lansing, MI   Sept. 2009 – May 2014

Bachelor of Science in Computer Science and Engineering | GPA 3.41 / 4.0

Related Courses: Algorithms and Data Structures, Operating Systems, Software Engineering, Database Systems

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, C#, SQL, Javascript, HTML/CSS, PHP, Racket, BASH
- **Frameworks and Tools:** Spring Boot, AngularJS, Bootstrap, MySQL, Node.js, .NET, WPF, Unity3D, Git, Jira, Jenkins

WORK EXPERIENCE

Euroimmun, *Software Engineer*, Beijing, China   Sept. 2015 – Mar. 2016

- Developed Windows desktop software with C# and WPF for automated testing and adjusting medical devices
- The software improved the product prototyping process, saving hours of testing works for the Mechanical Engineering Team

Regina Andrew Design, *Database Administrator*, Riverview, MI   Jun. 2014 – Apr. 2015

- Developed data analyzation programs using Python and SQL scripts for supply chain managements, including purchasing, sales, and long term planning analysis
- The auto-generated reports have saved 40% of the manual calculation works for the purchasing department
- Managed (read, write, update, backup) local ERP systems and other databases for diverse businesses usages

IDV Solutions, *Software Developer Intern*, Lansing, MI   May 2013 – Aug. 2013

- Produced and developed data visualization software (Visual Fusion) based on customers' business data
- Developed new daylight shading feature for the data visualization software "Visual Fusion" using C# and SharePoint

ACADEMIC PROJECTS

Code Sniffer (Plagiarism Detection Website), *Northeastern University*   Jan. 2017 – Apr. 2017

- Developed a dynamic website for universities' faculties to detect plagiarisms from students' homework using Spring Boot, AngularJS, Bootstrap, MySQL and AWS
- Designed RESTful API for the website
- Implemented user register and login system with session managements

Content Delivery Network, *Northeastern University*   Sept. 2016 – Nov. 2016

- Built a distributed CDN server system, which includes HTTP replica server, DNS server, and the algorithm to select the best replica server for a client's download request
- Developed shell scripts to deploy, start, stop the servers automatically on 10 Amazon EC2 datacenters