

Jason Tu

US Citizen

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EDUCATION

Rochester Institute of Technology . Rochester, NY

BS . Computer Science . 2017

CO-OP EXPERIENCE

<u>UTC Lenel</u> Jun - Dec 2016 Pittsford, NY	Software Developer C#, Visual Studio, .NET, Groovy, SoapUI, REST, Agile/Scrum, HPQC	<ul style="list-style-type: none">• Developed supporting applications for SoapUI REST API tests: C# applications that exposed HPQC qfl scripts to SoapUI tests• Researched SoapUI, redesigned test flow, and created corresponding documentation
<u>Moog Inc</u> Jan - Aug 2015 Elma, NY	Web Developer Java, SQL, Javascript, jQuery, HTML, CSS, MyBatis, Bootstrap, Struts2, IBM Websphere	<ul style="list-style-type: none">• Developed web app from start to finish• Designed and implemented front end: web page design and user interface flow• Used JavaScript for dynamic page elements, such as a modular search page, and drop-down autocompletion• Designed and implemented back end: data models, business logic, and database calls/interaction• Used SQL to interact with database• Held customer meetings to present development progress and review requirements
<u>Bose</u> Jun - Aug 2014 Framingham, MA	Application Tester Python, bash, Eggplant, Jira	<ul style="list-style-type: none">• Created and executed automated tests• Developed scripts to execute tests and collect information on results

PROJECTS

<u>Little Bits: Secure Chat</u> Team Lead/Architect Semester Group Project Java	<ul style="list-style-type: none">• Led the team by allocating work, maintaining project direction, mediating conflicts, and handling administrative tasks• Designed application architecture and data flow• Adhered to object oriented programming (OOP) best practices• Implemented main program logic which links together the user interface, encryption, and network modules
<u>TCP Study</u> Individual Final Project Java	<ul style="list-style-type: none">• Wrote a TCP-like transfer protocol using UDP to send a file over the network• Implemented reliable data transfer: flow control, congestion control, and timers to overcome unreliable connections• Designed protocol to mirror actual TCP specifications• Used multi-threading, data structures, sockets, and file streams
<u>Classifier Builder</u> Homework Assignment Python	<ul style="list-style-type: none">• Wrote a training program that builds a data classifier program• Used several machine learning techniques: procedural code generation, classification, data metrics