

Jason Tu

US Citizen

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EDUCATION

Rochester Institute of Technology . Rochester, NY

BS . Computer Science . Aug 2017

EXPERIENCE

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|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UTC Lenel
Jun - Dec 2016
Pittsford, NY | Software Developer
C#, Visual Studio, .NET,
Groovy, SoapUI, REST,
Agile/Scrum, HPQC | <ul style="list-style-type: none">• United Technologies subsidiary Lenel creates security and access control systems. www.lenel.com• 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 |
| Moog Inc
Jan - Aug 2015
Elma, NY | Web Developer
Java, SQL, JavaScript,
jQuery, HTML, CSS,
MyBatis, Bootstrap,
Struts2, IBM Websphere | <ul style="list-style-type: none">• Moog creates precision control systems for aerospace, defense, and industrial use. www.moog.com• 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 autocomplete• 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 |
| Bose
Jun - Aug 2014
Framingham, MA | Application Tester
Python, bash, Eggplant,
Jira | <ul style="list-style-type: none">• Bose creates consumer and professional audio equipment. www.bose.com• Created and executed automated tests• Developed scripts to execute tests and collect information on results |

PROJECTS

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| Little Bits: Secure Chat
Computer Security
Semester Group Project
Team Lead/Architect
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 |
| TCP Study
Computer Networking
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 |
| Classifier Builder
Data Mining
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 |