

Jason Arrabito
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Relevant Courses

Object Oriented Programming in Java, Object Oriented Programming in C++, Machine Learning in Quantum Finance, Operating System Principles, Distributed Systems, Database Systems, Computer Architecture, Theory of Computation, Software Engineering, Survey of Software Engineering, Algorithm Design and Analysis, Database Theory, Software Quality, Formal Methods in Software Engineering, Creating Compilers

Skills

Java, C++, C#, Common LISP, Python, SQL, XML, HTML5, CSS, JavaScript, Excel, PowerPoint, Word, Publisher, Photoshop, Illustrator, Dreamweaver

Education

Texas State University Round Rock, TX Master's in Software Engineering, Spring. 2021

Queens College Flushing, NY Bachelor of Arts in Computer Science Sept. 2015

Employment

Leander Independent School District, Leander, TX Teacher, Computer Science, 8/19 to Present

Teach Computer Science I, II, Computer Science Principles, Robotics, and AP Computer Science -Certifications: P.P.R., Computer Science 8-12, Technology Education 6-12, Mathematics 7-12

Killeen Independent School District, Killeen, TX Teacher, Computer Science, 8/16 to 7/19

Taught Computer Science I, II, and III, Fundamentals of Computer Science, Robotics, and Web Technologies for grades 9-12

Projects

Used an SVM & ARIMA hybrid model to forecast financial market stocks. • Conversion of medical documents from Microsoft Health Vault to XML, then flattened to Json and transmitted and stored in a database. We then reversed the process. Used a Client/Server Model. • Created a Client/Server Model using multiple threads to simulate students and professor activities in a school day. Implemented for Remote Server access. • Implemented the code for a simple Java Compiler named TinyJ that generated a list of approximately 35 virtual machine instructions the compiler could execute. • Wrote the SRS for, and implemented, a travel website using MySQL for the database, Spring Boot (Web) and JAVA for backend, and HTML, CSS, JavaScript, and Bootstrap for the frontend. (See web for additional projects)

Certifications

FANUC Tool Operation and Programming