

David Simowitz

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Skills

Languages/Tools

- C++ (expert), Python (intermediate), JavaScript (novice), HTML (novice), CSS (novice), SQL (rusty), MIPS assembly language (rusty), C (rusty), Java (rusty)
- Code::Blocks, PyCharm, Git, Perforce, AWS, NGINX, Photoshop, Illustrator

Experience

Fidessa corporation

Trading Platform Delivery Engineer

New York, NY

June 2014 – July 2015

- Designed and deployed customized solutions using proprietary programming languages and Tcl to satisfy client-driven requirements.
- Expedited delivery of product enhancements across numerous clients concurrently by updating a tool which modifies customized configuration files.
- Researched and answered intricate questions relating to product functionality by implementing software tracing.
- Responsible for supporting multiple clients by handling inbound communications.

Fidessa corporation

System Specialist

New York, NY

July 2013 – June 2014

- Translated client goals into clear engineering requirements which could be tested against to prove adherence.
- Implemented, tested, and documented software solutions using proprietary programming languages and Tcl.
- Conducted upgrades by applying patches from core product to heavily modified client specific version.
- Performed requirements analysis on delta file processing and valuation strategy enhancements.

Fidessa corporation

Implementation Specialist

New York, NY

August 2011 – June 2013

- Member of implementation project to migrate a major international bank's US equity, ADR member trading, and global order routing to Fidessa's trading platform.
- Implemented new front-end functionality to calculate and display summary bar on the order fills grid for user highlighted fills in FTW (Fidessa Trader Workbench).
- Worked on server side customizations using proprietary programming languages, Tcl, and SQL.
- Assisted bank with Omgeo allocation matching and confirmation testing.

Education

Udacity

Nanodegree, Full Stack Web Developer

www.udacity.com

October 2015 – Present

State University of New York at Stony Brook

Bachelor of Engineering, Computer Engineering

Stony Brook, NY

September 2006 – May 2010

Total Home Integrated Network Control (THINC) Monitoring System

September 2009 – May 2010

- THINC is an embedded modular system designed to provide conveniences and power saving features throughout the home which utilizes adaptive algorithms to determine patterns associated with user behavior to optimize heating and air conditioning use and conserve energy.
- Presented THINC Monitoring System at the Undergraduate Research & Creative Activities (URECA) Conference at SUNY Stony Brook and subsequently published in URECA Collected Abstracts. (2010)

Farmingdale State University of New York

Bachelor of Technology, Visual Communications

Farmingdale, NY

September 2001 – May 2005

Additional Information

- **Interests:** Strategy board games, Magic the Gathering, Science, Technology, Running, Puns, Transformers