ADAM T. SMITH

www.adamtaylorsmith.com
Shinjuku, Tokyo, Japan
computer.talent@gmail.com

Education:

Bachelor of Science in Computer Engineering   May 2004
Virginia Polytechnic Institute and State University, Blacksburg, VA

Master of Arts in Applied Linguistics   December 2019
The University of Massachusetts Boston, Boston, MA

Computer Languages:

C++ and JAVA
React, Node.JS, and SQL
Javascript, CSS, and HTML

Recent Projects:

AI Face Recognition Web Application
- Created a web application that can automatically detect human faces in a photo using a publicly available API
- Developed the front-end in React and the back-end in Node.js
- Leveraged a PostgreSQL relational database to manage user information

Robobuddies Web Application
- Developed a "facebook-lite" web application in React that can sort through robot friends responsively

Blackjack Card Game
- Programmed the popular card game "Blackjack" from scratch in Java according to sound object-oriented principles

Related Work Experience:

BAE Systems   Washington, DC   June 2005 – May 2014
Software Engineer
- Developed software critical to national security under a U.S. Top Secret security clearance
- Ported multifaceted networking component from C++ to Java
- Developed networking modules in Java for a communications system allowing high-volume messaging between multiple machines
- Adapted large-scale software framework to efficiently run on a scaled-down portable device. Lead effort to integrate software written by team members into streamlined framework
- Devised comprehensive plan for testing military radios at a remote location
- Diagnosed issues related to complex wireless network system enabling communication for robotic sentry units
- Developed integral software component of large-scale defense project allowing network enabled communications in the field
- Programmed innovative wireless network protocol based loosely on 802.11 specification; simulated and tested code within OPNET Modeler
- Tested and debugged software designed for advanced military ad-hoc radio network. Assessed performance of system at air-force base in New York

Intel Corporation   Folsom, CA   June 2004 – June 2005
Platform Application Engineer
- Collaborated with engineering team in a hardware lab environment, helping replicate and root cause bugs reported for Intel software drivers
- Developed performance measuring scripts for windows applications, analyzed results of scripts, and presented findings to the storage driver team

Spoken Languages:

English (native)
Spanish (fluent)
Portuguese (conversational)
Japanese (conversational)