

Jacob Wilkins

Computer science professional

Personal Info

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E-mail

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LinkedIn

linkedin.com/in/jacob-a-wilkins-CS

GitHub

github.com/JacobAWilkins

Programming Languages

Java

C, C++

HTML/CSS, Javascript

Python

SQL

Swift

Assembly

Software

Xcode

Eclipse

Microsoft Office

Photoshop

WordPress

Soft Skills

Leadership

Technical Writing

Communication

Hard Skills

Artificial Intelligence

Computer Vision

Information Security

Inquisitive, self-motivated software developer skilled in leadership, with a strong foundation in math, artificial intelligence, and information security. Seeking to leverage solid development skills with a focus on collaboration, communication, and creativity.

Education

Aug 2015 - Dec 2019

University of Texas at Arlington, B.S. Computer Science

- GPA 3.5
- Joined Alpha Tau Omega, America's Leadership Development Fraternity
- Favorite areas of study: Artificial Intelligence & Information Security

Projects

Jun 2019

Cipher

- Encrypts and decrypts text using 12 different encryption methods
- Applied Java object-oriented programming to implement symmetric and asymmetric ciphers

Mar 2019

Connect 4 AI

- Implemented an AI opponent in Java using a minimax algorithm
- Integrated minimax, depth-limited search, and alpha-beta pruning to determine the optimal move

Feb 2019

HTTP Web Server

- Designed an HTTP Web Server in Java that handles 200, 301, and 404 request/response messages
- Managed client connections in dedicated threads

Feb 2018

Personal Finance Blog

*www.WealthLovers.com*

- Founded and launched a website using WordPress
- Incorporated CSS to customize the website theme
- Honed my technical writing skills by creating insightful articles

Certificates

Feb 2019

Information Assurance Education

- Certified by the National Security Agency and Department of Homeland Security

Experience

Jun 2018 - present

Food Delivery Driver

*Uber*

- Handling and confirming customer's orders, with prompt delivery
- Committed to building relations between restaurant and customer

Mar 2013 - Jan 2015

Lifeguard

*Safeguard Aquatics*

- Ensured safety of pool-goers and coordinated rescues
- Administered pool maintenance and water testing

Activities

2019

Food Service Coordinator

for ATO's 7th Annual Crawfish Boil. Helped raise over \$8000 for Wipe Out Kids' Cancer.

2016

Scholarship Chair

of ATO, Texas Kappa Alpha Chapter for 2 years. Mentored students to fulfill their academic goals.