

Josh Hawkins

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EDUCATION

MISSISSIPPI STATE UNIVERSITY

B.S. COMPUTER SCIENCE

Dec 2017 | Starkville, MS

College of Engineering

Cum. GPA: 3.89 / 4.0

Major GPA: 4.0 / 4.0

CALHOUN COMMUNITY COLLEGE

CORE COURSEWORK, NO DEGREE

Aug 2011 - May 2014 | Huntsville, AL

Cum. GPA: 4.0 / 4.0

COURSEWORK

Database Management Systems

Artificial Intelligence

Theory of Programming Languages

Formal Languages and Automata

Distributed Client-Server Programming

Operating Systems Design

Data Structures & Algorithm Analysis

LANGUAGES

Every day:

JavaScript

Frequently:

Python • C • C++

CSS • Shell / BASH

Familiar:

C# • Haskell • Java • Ruby

MySQL • AHK • \LaTeX

SKILLS

Frameworks & Libraries

Node.js • Reactjs • AngularJS

MobX • Redux • Webpack • Babel

WPF • Oculus SDK

Environments

Google Chrome

GitHub Electron & Atom

Phaser.io • Unity3D

Tools

Git • SVN • npm • PyPi

Microsoft Office Suite

Google Home & Office Suite

Operating Systems

Windows XP, 7, 8.1, 10

Windows 7 Army Golden Master

Ubuntu • MacOS • Red Hat • CentOS

OBJECTIVE

Web developer passionate about open source software and modern JavaScript seeking work experience as a Full-stack Web Developer.

EXPERIENCE

RADIANCE TECHNOLOGIES | SOFTWARE ENGINEER AIDE

Nov 2015 - Present | Huntsville, AL

- Utilizes D.o.D. Top Secret security clearance for classified assignments
- Designs, programs, and supports military-use applications such as manned earth reconnaissance training and simulation software using C#/WPF & JavaScript/Electron
- Designs, programs, and supports military training software for pilots and sensor operators using virtual reality with Oculus Rift, Unity, Blender, C# & JavaScript.
- Configures, tests, delivers and installs systems for military training and simulation
- Travels to customer and military bases for system upgrades, installations, and maintenance
- Gains exposure to military and secure work environments, customer coordination and direction, and system support
- Leads design and implementation for next generation Radiance Technologies website utilizing a Server-side Rendered React architecture

TEXTRON SYSTEMS | SOFTWARE ENGINEER INTERN

June 2015 - Aug 2015 | Huntsville, AL

- Designs, programs, and supports military-use applications such as UAV control software using Python & BASH
- Creates workflow-optimizing applications with remote Yum Repository and automatic distribution servers with web interfaces using Python & JS
- Gains exposure to Agile work environment, customer cooperation, and code collaboration

HAWKINS DEV | OWNER AND CREATOR

June 2012 - Present | Madison, AL

- Programs and maintains several open source libraries and programs including a Python SMS suite, GroupMe's @all feature, a Python bot framework for a popular Webgame, a React Always Sunny fan web application, and a command line interface for Google Search
- Programs and distributes Google Chrome Extensions on the Google Chrome store
- Programs and distributes Android smartphone applications on the Google Play marketplace

INSANITY SKATE PARK | SKATE GUARD AND ATTENDANT

May 2014 - Dec 2015 | Madison, AL

- Tests computer networks for security vulnerabilities
- Instructs skateboarding lessons and operates miniature golf and skate surface

VOLUNTEER SERVICE

2015 - 2016 Initium

2014 - 2017 Open Source Code

2010 - 2013 Special Olympics

2010 - 2012 AYSO

Volunteer Developer for Popular Browser Game

Contributor to Various Open Source Projects

Escort for Special Olympics athletes

Center and Sideline Referee