

Hannah E. White

Computer Science & Engineering

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OBJECTIVE

Seeking full-time employment in an entry-level software engineering position, with particular interest in and passion for low-level computing.

EDUCATION

Michigan State University
B.S. Computer Science & Engineering

East Lansing, MI, USA
Graduation: May 2016

WORK EXPERIENCE

GE Grid Solutions

Redmond, WA, USA

Software Engineer - SDLP

July 2016 - Present

Software development leadership position within the Energy Connections business of GE.

MATRIX

East Lansing, MI, USA

Front-End Web Developer

Aug 2015 - May 2016

Translated visual compositions into interactive & responsive implementations.

Worked with UI/UX designers & back-end developers to bridge the gap between graphical design & technical implementation, whilst taking an active role on both sides.

BNSF Railway, Co. Mobile App Development

Fort Worth, TX, USA

Technology Services Intern

May 2015 - Nov 2015

Designed, developed, & tested iOS, Apple Watch, & Pebble Smartwatch apps in obj-C, C, & JavaScript (respectively) for use by approximately 12,000 railroad operations workers.

MSU Computer Help & Repair

East Lansing, MI, USA

Student Lead & IT Consultant

Aug 2012 - May 2015

Provided support to the MSU community with software applications, hardware repair, OS troubleshooting/reinstallation, malware diagnosis & removal, network navigation, clerical support, & other duties as assigned.

HACKATHONS & PERSONAL PROJECTS

HackIllinois: DevMe - 2016

Top 5 Software Hacks,

Radix's "Best Use of .tech Domain"

Web & Android matchmaking tool for developers & "content creators" - Built with Bootstrap, AngularJS, & PHP. Android app built with Java.

Metricly - 2015

CTO & Co-Founder

Development & maintaining of low-level software to communicate with vehicles/transmit data from vehicles to database & mobile devices. Experience forming an LLC. Management & recruiting of developers.

HackIllinois: WatchMyCar - 2015

Thiel Capital's "Best Product/Business Potential",

Pebble: Honorable Mention

Vehicle key fob & metrics app - Built with Raspberry Pi, Pebble, C, Python, Firebase, JSON, and iOS SDK.

HackIllinois - 2014

Student Attendee

Pebble smartwatch flashcards app - Designed UI & created test material. Built with C.

LEADERSHIP & ACTIVITIES

Seattle Video Game Orchestra Clarinetist

2016

Grace Hopper Conference for Women in Computing Student Attendee

2015

MSU Biochemistry Undergraduate Committee Member

2013-2014

Discussed & determined program requirements, course curriculum & approval.

MSU Campus & MSU Concert Band Clarinetist

2013-2014

RELEVANT COURSEWORK

CSE 232: Intro to Prog. II (C++) - 4.0

CSE 320: Comp. Org. & Arch. - 3.0

CSE 420: Comp. Arch. - 3.5

CSE 331: Algorithms & Data Struct. - 3.5

CSE 410: Operating Systems - 4.0

CSE 450: Compilers - 4.0

LANGUAGES AND SKILLS (most familiar*)

C++*

C*

obj-C

Python*

JavaScript

Java

Assembly (MIPS, ARC/SPARC microprocessors)*

HTML5

CSS3

PHP

WORK AND PORTFOLIO

LinkedIn

linkedin.com/in/hewwhite

GitHub

github.com/helizabethwhite

Portfolio

msu.edu/~whitehan

DevPost

devpost.com/hewwhite