Ivy Murphy

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EDUCATION

INDIANA UNIVERSITY
Bloomington, IN
MAY 2017
B.S. Informatics
Minors: Computer Science, Human Centered Computing
GPA: 3.81

WORK EXPERIENCE

APPLE INC.
SOFTWARE QUALITY ENGINEERING INTERN
MAY 16, 2016 - AUGUST 5, 2016

Created manual tests as well as ad-hos tests, and developed and ran an automated tool for specific software that ran nightly, producing results to a webpage for developers of that software

Developed aspects of testing software through two build releases and aided in both sets of regression testing for that software

Contributed to writing a test plan for our entire team to follow

INDIANA UNIVERSITY
PEER LED TEAM LEARNING LEADER (INTRO TO PYTHON)
AUGUST 22, 2016 - PRESENT

Hold weekly sessions outside of the classroom setting to prevent students from dropping courses that have had a relatively high drop rate

Build curriculum based on the course structure and goals to collaborateively and affectively allow students to learn

INTRO TO COMPUTER SCIENCE LEAD UNDERGRADUATE INSTRUCTOR
AUGUST 24, 2015 - MAY 13, 2016

Taught lab of 35 students with assistant instructor to aid them in efficiently learning core concepts and algorithms dealing with the design of programs

Tailored personal teaching methods for one on one interactions with students based on their individual needs

GOOGLE
INFORMATION TECHNOLOGY INTERN
MAY 26, 2015 - AUGUST 14, 2015

Created a Python script to SSH into the wireless controllers, run specific diagnostic commands, and output diagnostics for efficient networking troubleshooting all throughout Google

Fully automated staffing metrics for the IT division at Google

EXTRACURRICULAR ACTIVITIES

HUTTON HONORS COLLEGE
AUGUST 20, 2013 - PRESENT
Allows for a more challenging educational career leading to a greater eagerness to learn and a motivation to lead in classes

Grows pertinent skills for innovation leading to personal projects through working with other hard working students

INFORMATICS AND COMPUTING AMBASSADOR PRESIDENT
MAY 10, 2016 - PRESENT

Monitor specific roles and teams ensuring impactful projects are being executed in a timely manner to grow the inclusive culture of our school

Increase diversity and inclusion in the school by showcasing the field of computing to all students

CENTER OF EXCELLENCE
FOR WOMEN IN TECHNOLOGY (CEWIT)
AUGUST 2013 - PRESENT

Promote the benefits of pursuing a career within technology for women through leading by example

Provide help for women to reach equal representation within this field by hosting talks from successful women to spark inspiration

Promote a creative and fun environment within our events to steer more interested women into technology fields

SERVE IT PROJECT MANAGER
AUGUST 21, 2016 - PRESENT

Lead a group of 6 students to maintain the ServeIT website, build the social media content, and working with potential clients to assess their needs and fit within ServeIT

Use Agile methodologies to break up tasks and complete sprints, allowing me to confidently rely on skills and roles of students

SERVE IT TEAM MEMBER
JANUARY 5, 2015 - DECEMBER 11, 2015

Created a mySQL database, and generated an Admin page using Django and Python to easily query the database for non-technical users

Led the design aspect of a time-tracking application, completely building the HTML/CSS as well as building the Django backend templates

TECHNICAL SKILLS (STRONGEST-WEAKEST)

LANGUAGES*: Python, Java, C, DrRacket (Scheme), Swift, Rust

WEB DEVELOPMENT: HTML, CSS, XML, Javascript, PHP

DATABASES: MySQL, Big Query, Access

DESIGN: Adobe Illustrator, Photoshop

PLATFORMS: OS X, Windows, Linux, Chrome-OS

VCS: Git