Charlotte Wright

| (914)329-9247 | charlotte.wright@rochester.edu | www.linkedin.com/in/charlottecwright | www.charlottewright.me

Education

BACHELOR OF SCIENCE| MAY 2018 | UNIVERSITY OF ROCHESTER
· Major: Computer Science
· Semester in Arezzo, Italy in Fall 2014
· President of UR Cinema Group
· The Science of Programming, Discrete Math, The Art of Programming, The Science of Data Structures, Workshop Leadership, Digital Media Toolkit, Artificial Intelligence, Web Programming, Human Computer Interaction, Design & Analysis Algorithm, Mobile App Development

Skills & Abilities

PROJECTS
· Created a GUI interface for the game Othello, Programming an infix to postfix calculator – JAVA
· Programmed Mastermind and a crossword puzzle solver – JAVA
· Created a AI for Tic-Tac-Toe and super Tic-Tac-Toe using minimax algorithm based decision making – JAVA
· Designed a crowd-sourced transcription site that automatically transcribes and critiques - HTML JAVASCRIPT
· Represented propositional logic sentences and performed automated reasoning using forward chaining – JAVA
· Created a self-sorting note Android Application, ReadyNotes, using fragments, dialogs & Model View Controller - JAVA SQL
· Designed a Political Bias Chrome Extension for WiCHacks 2017 at RIT – JAVASCRIPT

SKILLS
· **Java, Python**, HTML, CSS, JavaScript, C, SQL, Lisp/Scheme
· Proficient in Microsoft Word, PowerPoint, Excel, Google Docs, Google Sheets, SharePoint
· Final Cut Pro, Photoshop, Illustrator, Android Studio, GitHub

Experience

RESEARCH INTERN AT IBM
Thomas J. Watson Research Center, Yorktown Height, NY   May 2017 to August 2017
· Worked with Docker, Tested performance GATK4 pipelines in cloud systems using Apache Spark, focusing on Sequencing Data and Genotyping
· IBM BlueHack 2017, *Movie Genie*

DEVELOPMENTAL INTERN – ELECTRONIC RECORDS AT NEW YORK POWER AUTHORITY
White Plains, NY   May 2016 to August 2016
· Worked on a variety of projects using SharePoint as a collaborative workspace.
· Improved on end user acceptance and supported an assortment of data migrations and clean-ups using BluBaker and Excel.

WORKSHOP LEADER FOR CSC 171 & CSC 172 AT UNIVERISTY OF ROCHESTER
Rochester, NY   January 2016 to May 2017
· Lead a group of students in discussions weekly about the key concepts in The Science of Programming and in The Science of Data Structures using JAVA.
· Graded written quizzes and exams.

LAB TEACHING ASSISTANT FOR THE ART OF PROGRAMMING AT UNIVERISTY OF ROCHESTER
Rochester, NY   January 2016 to May 2016
· Helped students further their knowledge of Python and the basics of computer programing for CSC 161.

INTERN AT LIFEWORX
Chappaqua, NY & Union Square, NYC   June 2014 to August 2014
· Created content for Facebook and Twitter Pages
· Assisted Running Focus Groups, Bug checked website, Redesigned documents into excel

CASHIER & STOCK ROOM AT BREEZE
Chappaqua, NY & Katonah, NY   March 2012 to January 2015
· Supported website, data entry, stocking & inventory, Helped customers, Opening and Closing store procedures