

Charlotte Wright

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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, Calculus I, The Art of Programming, The Science of Data Structures, Workshop Leadership, Essential Digital Media Toolkit, Artificial Intelligence, Web Programming, Design & Analysis Algorithm, Mobile App Development

Skills & Abilities

JAVA

- Created a GUI interface for the game Othello, Programming an infix to postfix calculator
- Programmed Mastermind and a crossword puzzle solver.
- Created a AI for Tic-Tac-Toe and super Tic-Tac-Toe using minimax algorithm based decision making.
- Represented propositional logic sentences and performed automated reasoning using forward chaining.

OTHER SKILLS

- **Python**, HTML, CSS, JavaScript, C, Lisp/Scheme
- Proficient in Microsoft Word, PowerPoint, Excel, Google Docs, Google Sheets, SharePoint
- Final Cut Pro, Photoshop, Illustrator, Android app Development

Experience

RESEARCH INTERN

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

DEVELOPMENTAL INTERN – ELECTRONIC RECORDS

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 THE SCIENCE OF PROGRAMMING & THE SCIENCE OF DATA STRUCTURES

University of Rochester | Rochester, NY | January 2016 to May 2017

- Lead a group of students in discussions weekly about the key concepts in CSC 171 and in CSC 172.
- Graded written quizzes and exams.

LAB TEACHING ASSISTANT FOR THE ART OF PROGRAMMING

University of Rochester | Rochester, NY | January 2016 to May 2016

- Assisted students further their knowledge of Python and the basics of computer programming for CSC 161.

INTERN AT LIFEWORX

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

Breeze | Chappaqua, NY | March 2012 to January 2015

- Assist with website, data entry, stocking, inventory, Assisted customers, Opened and Closed store procedures