

# Matthew Gray

## WORK EXPERIENCE

MAY 2016 – AUGUST 2016

Allscripts

### *QA Automation Engineer Intern*

Worked in an Agile development environment using Jython to develop automated front-end tests. Created utilities in C# used by managers to assist in the test development process. Wrote technical documentation and instructed coworkers in using automated tests.

JANUARY 2016 - MAY 2016

North Carolina State University

### *CSC Undergraduate Research*

Created online tutorials to teach students how to properly setup a development environment. Imported testing data to computer systems for further research.

JANUARY 2016 - MAY 2016

North Carolina State University

### *Teaching Assistant (CSC116)*

Present in class to assist students, proctor, help the professor, and grade assignments and exams. Held weekly office hours to help students individually.

SUMMERS OF 2012 - 2014

Carolina Designs Realty, Inc.

### *Software Developer*

Developed C# software to automate labor-intensive tasks, reducing man hours spent on those tasks. Trained company personnel to use self-deployed automation software. Used search engine optimization tools to improve company's search engine standing.

JUNE 2010 - AUGUST 2011

Grays Family Department Store, Inc.

### *Web Developer*

Assisted in the setup and deployment of an on-line shopping website. Assisted customers on the shop floor, organized clothing, and performed any needed duties.

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## EDUCATION

2015 – 2019

**B.S.**

COMPUTER SCIENCE  
NC State University

2011 – 2015

**High School Diploma**

GENERAL EDUCATION  
First Flight High School

## PROJECTS

GITHUB WORK ([github/grayma](https://github.com/grayma))  
Miscellaneous projects

PROJECT EULER ([projecteuler/grayma](https://projecteuler.net/grayma))  
Math and Computer Science problem solving

## TECHNICAL SKILLS

LANGUAGES Java, C#, C, Python, HTML, CSS, Jython,  $\LaTeX$ , MySQL, Bash

TOOLS Visual Studio, Eclipse, Microsoft Office, Sikuli, iWork Suite, Git and GitHub

MISCELLANEOUS OS X, Linux, Windows, iOS, Android, Agile, Automated Testing, Technical Documentation

## HONORS AND ACTIVITIES

HONORS High school salutatorian

SPORTS Gymnastics, weightlifting, and running

CLUBS Collegiate club gymnastics, underwater robotics, and phytoplankton research,

VOLUNTEERING Food bank, literacy council, Dare to Share Technology Conference