Jasper Andrew Designer/Programmer

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Education

Binghamton University, State University of New York, Watson School of Engineering   Expected May 2017
Bachelor of Science in Computer Science, Scholars Minor
Major/Cumulative GPA: 3.48/3.42 | Dean's List: Spring 2014
Binghamton University Scholars Program: Fall 2013 – Present
AP Scholar with Honor Award: Spring 2013

University of Edinburgh, Scotland, School of Informatics   Fall 2016
One semester study abroad

Technical Skills

- HTML/CSS
- JavaScript/JQuery
- C/C++
- Python
- Java (Eclipse)
- SQL (Postgres)
- UML (Papyrus)
- Google APIs
- Graphic design skills
- Adobe Creative Suite
- Microsoft Office
- 56.46 wpm (avg)

Professional Experience

Fall 2016 – Spring 2016

Pipe Dream (Student-Run University Publication), Binghamton, NY
Front-End Web Developer
- Built the frontend for a new Wordpress theme from the ground up, using HTML, CSS, Javascript, and PHP
- Collaborated with team members to implement changes, fix bugs, and make their vision for the site a reality
- Shared progress with teammates using GitHub and Facebook chat

Spring 2015 – Present

Binghamton University Scholars Program Office, Binghamton, NY
Student Assistant and Local Database Manager
- Develop and manage a simple queryable cloud-based database using Google Spreadsheets and Javascript, enabling easy sharing and universal access to the information
- Design annual newsletter and magazine layout from scratch using Adobe Creative Suite programs

Fall 2013 – Spring 2016

Watson School of Engineering – Office of the Dean, Binghamton, NY
Student Office Assistant
- Utilized creative freedom to meet sets of requirements and solve problems innovatively and efficiently
- Organized data from various digital and physical sources in Excel spreadsheets, often with graphs and/or charts
- Updated parts of Binghamton's engineering website using OmniUpdate and HTML
- Programmed scripts to automate a number of processes (e.g. student group funding requests, using Google Forms), resulting in a reduction of paper waste as well as ease of access to the information

Summer 2014, 2015

Lindley G. Cook 4-H Camp, Branchville, NJ
Summer Camp Counselor
- Managed groups of 7 to 15 children between the ages of 8 and 16 - with limited resources and high expectations - by keeping a constant mental count and making sure all of them were going in the right direction and behaving well
- Created and implemented class plans, maximizing efficiency and organization by keeping schedules and class rosters
- Communicated effectively with people from various countries as well as different social, cultural, and financial backgrounds

Project Experience

Binghamton University Football Feasibility Study
- Researched the many facets of starting up a profitable college football program, specifically the impact and rules of Title IX, using both physical and digital documentation as well as face-to-face interviews with pertinent university staff
- Evaluated the likelihood of Binghamton University successfully maintaining such a program given their resources at the time
- Summarized findings and presented them to Binghamton University executives, including the President and Athletic Director

2014, 2015

Binghamton University Scholars Program Newsletter/Magazine
- Managed virtually all aspects of the layout and content design, keeping in mind the Scholars Program and Binghamton University brands and retaining continuous design elements and themes

Other Experience

Hackathons
- Collaborated with other programmers on a number of coding projects using various technologies
- Contributed to the smooth operation of HackBU, Binghamton's own annual hackathon, as a volunteer and technical adviser

Graphic/Web Design
- Completed 3 years of graphic design courses in high school, as well as various school and summer art/photography programs
- Learned web design through online courses, web projects, and hackathons

Monterey County Special Olympics Volunteer
- Supervised contestants between events, making sure they behaved, stayed hydrated, etc.
- Guided contestants between events, making sure they all were on schedule and keeping their safety in mind at all times

Hobbies

- Photography
- Drawing
- 3D Modeling
- Web Projects
- Gaming