Oscar Bautista

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EDUCATION

The University of Georgia - *Bachelor of Computer Science*   **December 2018**
GPA: 3.11/4.00

Related Coursework: Data Structures; Web Programming; Software Engineering; Computer Architecture; Software Development; Systems Programming; Graphics; Public Speaking; Networks (*In Progress*); Mobile App Development (*In Progress*);

SKILLS

- **Programming Languages:** JavaScript, HTML5 & CSS3, Java, C++, Python, MATLAB
- **Software:** Git, Flask, Vue.js, jQuery, Bootstrap, SQL, Linux

PROJECTS

Beat Blocks   **January-March 2018**
- Worked in a team of three to create a device that allows for a more collaborative and intuitive music-making process
- Updated the sounds and animations currently playing from the device according to the type of block placed on it
- Developed using Vue.js and Python

EzNIC   **March 2018**
- Created a program that allows a user with minimum network knowledge to switch the network interface card and modify its IP address, subnet mask, default gateway, and DNS address
- Created an intuitive interface for the program using Visual Studio and C#
- Won the Diversified "NIC of Time" challenge

Click Clack Crawler   **March 2018**
- Created a webpage that scrapes multiple keyboard websites to return a list of products sorted by lowest price
- Utilized Python and the Beautiful Soup library to create the web crawler and used JavaScript to build the webpage

Frogify   **February 2018**
- Collaborated with three others at the UGAHacks Hackathon to create a website with an interactive playlist where users are able to vote for the next-played song at a social gathering
- Used the Spotify API in Python with Django to implement the voting and song searching functionalities

T2 Cinemas Website   **January-April 2018**
- Worked in a team of four to create a fully functional movie theater website capable of customer registration, ticket ordering, and displaying movie information using Java, JavaScript, HTML, and CSS
- Designed and implemented the front end, including the form validation/processing, animations, and site layout

Text Editor   **March 2017**
- Created a text editor using C++, capable of reading, writing, and creating files within a simple-to-use UI
- Implemented using system calls for low-level file I/O and the ncurses library for the Text User Interface

EXPERIENCE AND COMMUNITY INVOLVEMENT

ElevateCS Athens, GA   **August 2017 – Present**
Mentor/Instructor
- Collaborate with team members to create weekly activity plans that coincide with the students' current CS curriculum in order to reinforce and facilitate their understanding of concepts.
- Help promote, improve, and empower Computer Science/Technology education and those interested in it by providing resources, events, and workshops in the Athens-Clarke County area through the ElevateCS program.

UGA Housing Athens, GA   **August 2016 – Present**
Residence Hall Desk Assistant
- Function as the primary customer service representative and resource of information concerning Housing and University operations, especially during crises and emergencies
- Entrusted with resident key control, resident entry verification, and monitoring of the security system for the community