Tyrel Clayton

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Dynamic, motivated Software Developer with the educational background and proven work ethic to handle all aspects of software engineering. Known for delivering excellent results in fast-paced environments, with the skill set to manage projects, perform unit, system, and integration tests, and solve challenging problems.

EDUCATION

Tufts University: *Post-Baccalaureate Minor in Computer Science* (3.83 GPA)   August 2018
- **Relevant Courses:** Data Structures, Discrete Math, Machine Architecture and Assembly Language Programming, Algorithms, Special Topics: Algorithms and Data Structures II

University of Florida: *Bachelor of Arts in English*   August 2014

Other: *Web Development Bootcamp, Unreal Engine Course, Project Management Training*

PROJECTS

Board Game Reviews: Web app that allows user to create accounts and review board games (https://bit.ly/2TkFA4K)
Tango Trees: Website explaining functionality of Tango Tree data structure (http://bit.ly/2MXkMRy)
Color Game: Presents player with RGB value, player selects matching tile (Prod: bit.ly/2CeTjVC; Src: bit.ly/2ybUSRk)
Binary Bomb: Reverse engineered C program from Assembly Language working with 1 individual

SKILLS

Languages: C (Proficient), Python (Proficient), Javascript (Proficient), C++ (Intermediate), Java (Basic)
Frameworks: Unity, Pytest, Boost, Bootstrap, MongoDB, Node.js, Express
Software: Sublime, Emacs, Idle, Heroku, Visual Studio, Unreal Engine

PROFESSIONAL EXPERIENCE

FLETCHER SCHOOL OF LAW AND DIPLOMACY   **Medford, MA**
Career Services Coordinator   2018 – Present
Administrative Coordinator   2017 – 2018
Staff Assistant   2016 – 2017
- Promoted to Career Services Coordinator, spearheaded new registration system for 2 career trips to NY (120 attendees) and Washington, DC (250 attendees), reducing time spent on registration by 75%
- Exceeded all expectations as technical lead on rollout of VMock, facilitating effective communication between data engineers and non-technical office staff, and created custom-tailored handbook to share best practices and lessons learned for future initiatives
- Guide and continually optimize distribution of $354K in summer internship funding to 120 students annually, reducing start-to-finish processing time by 75% (from 8 weeks to 2 weeks)
- Assess employment rates and sectors for 200+ students annually, achieving a 90% response rate, and showcase superb communication and interpersonal skills within a deadline-driven workplace
- Manage logistics for all office programming, ensuring smooth operations for 30+ on campus events annually, as well as 70 employer site visits in 3 days

TUFTS UNIVERSITY, DEPARTMENT OF COMPUTER SCIENCE   **Medford, MA**
Teaching Assistant – Data Structures   2018
- Wrote test cases, coded sample solutions & collaborated with faculty to create homework assignments, earning a reputation for dedication to student success and notable technical skill across various software
- Maintained the highest standards of professionalism and acted as a supportive mentor in teaching students how to program effectively in a Linux environment

BUREAU OF ECONOMIC AND BUSINESS RESEARCH   **Gainesville, FL**
Data Collector   2015
- Increased project efficiency by 200% using VBA and JavaScript programming
- Headed pace-setting team of 5 data collectors to accurately transition 9,000+ data series to new database platform, and chosen to train new hires on all company policies and technology platforms