Vlad Chilom

Education

Bachelor of Science, Computer Science
Boston College — Chestnut Hill, MA, expected May 2018
- GPA 3.579
- Related Courses: Algorithms, Machine Learning, Computer Vision, Object Oriented Design, Mobile Application Development, Database System Implementation, Computer Systems
- Activities: Computer Science Society, Information Systems Academy, BC Venture Competition, Start at Shea: Entrepreneur Club

Experience

Teaching Assistant   *08/2017 to 12/2017*
Boston College — Chestnut Hill, MA
- Assisted in teaching Computer Organization by being a TA for 20 students
- Chosen for position due to high marks in the subsequent class, Computer Architecture
- Supervised course lab that had students run programs on hardware like FPGA boards

Software Engineer Intern - Core Product Experience   *06/2017 to 08/2017*
HubSpot — Cambridge, MA
- Created web pages using JavaScript, HTML, and CSS for the internal permissions manager
- Heavily used React and Redux frameworks for front end development
- Implemented a new approval system that reduced the average wait time for getting an approval from several hours to a few minutes
- Refactored portions of the redux implementation in order to remove a few thousand lines of code

Software Engineer Intern   *05/2015 to 09/2016*
TCN Inc. — St. George, UT
- Worked as a JavaScript Full Stack Node Developer
- Designed and implemented the new Node backend systems for OAuth authorization, authentication, and user permissions
- Created a new client-user management database and interface using Node and MongoDB
- Built and tested web pages using JavaScript (with frameworks like React, Horizon, and RethinkDB along with Mocha and PhantomJS)
- Developed a file importer in Bash that automated the manual upload of new database phone number information

Projects

- HotSpot: iOS application made at HackMIT 2016 for monitoring human flow through local businesses
- MusicPlayer: Node web application that streams music from SoundCloud, YouTube, BandCamp, and more in a centralized web player

Technical Skills

- Highly skilled in Python, Java, JavaScript, HTML, CSS
- Proficient in Swift, Bash, PHP, C, MATLAB, MySQL
- Frameworks/libraries/tools: SQL, MongoDB, RethinkDB, NPM, Node, Express, Mongoose, Bluebird, React, Redux