Andrew Tu



| | And | arew 1 u | | |
|--|--|--|---|----------------------|
| 908.642.2165 | Boston, MA | tu.a@husky | neu.edu drev | vtu2.github.io |
| | | Education | | |
| GPA: 3.88/4.0Involvement: NU Months | | ch, IEEE, MIT Ballroom | Plan's List Dance Team, Toastmasters, Lead | 5/2020 |
| 360, Society for Asia | an Scientist and Engineers (SASE) | | | |
| | | Skills | | |
| Programming Languages ❖ C++, MATLAB, Git, Microsoft Excel | s t, Javascript, HTML, CSS, Java, V | isual Basic for Applicati | ons | |
| | ——— Techr | nical Experience | | |
| Northeastern University Marine Observatory Network Undergraduate Research Assistant (NSF REU) ❖ Rebuilt and maintained project website ❖ Designed and implemented smart buoy and GUI control system using C++ and QT framework ❖ Testbed Development and Performance Evaluation of the TARS MAC Protocol for Underwater Acoustic Sensor | | | | 10/2015 – Present |
| Programming Acous Review, First Author | | <i>G</i> , | bark Undergraduate Engineering SM-975 Acoustic Smart Modems | |
| Software-Engineered System, poster presentContributed to open | Clustering Engine Undergrad Library Development to Support nation for 2016 Data Driven Disc source C++ machine learning librale framework technologies like Gi | t a High Performance M covery (D3) REU Site, (I cary | achine Learning Visualization | 6/2016 - 8/2016 |
| Developed RSA enc | | | rch, Innovation and Scholarship Expo | 10/2015 – 4/2016 |
| | rogrammer uis National Championships 2012 cal, electrical, and programming d | | | 9/2011 – 6/2015 |
| | | rk Experience | | **** |
| | of the IT department to learn about | ut daily operations and f | uture projects | Winter Break 2016 |
| | develop macros to expedite proces ckup process, backed-up 4+ month | | oy up to 300% | 6/2015 – 8/2015 |
| | A | chievements | | |
| Conrad Spirit of Innovat | ion Design Challenge Semi-l | Finalists | | 4/2015 |
| Boy Scouts of America Eagle Scout (Bronze Palm) | | | | 12/2014 |
| | | Interests | | |
| Ballr | room Dancing | | Ultimate Frisbee | |
| | euba Diving | | Traveling | |