Barron Roth

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Education

- **Boston University**   **Boston, MA**
  College of Engineering, B.Sc. Computer Engineering, Concn. Technology Innovation   *Dec. 2016*

- **Pine Crest School**   **Fort Lauderdale, FL**
  ACT: 33 (99%ile), Honor Roll, National Merit Commended & Hispanic Recognition Program Scholar   *Class of 2012*

Experience

- **Blade**   **New York, NY**
  Software Engineering + Design Intern   *Begin Summer 2016*

- **Tablelist**   **Boston, MA**
  Software Engineering Intern   *Summer 2015*
  - Developed an improved event system for Tablelist iOS application containing relevant API data using *Swift*.
  - Initiated migration of iOS back-end from the Core Data framework to the Realm Mobile Database in *Swift 2.0*.
  - Led product QA efforts by targeting specific user demographics collected through scripts ran on user database.
  - Provided nightlife photography & video for Tablelist events at New York City & Boston partner venues.

- **Advanced Micro Devices (AMD)**   **Austin, TX**
  Semi-Custom Product Development Co-Op Engineer   *Spring 2014*
  - Tested coverage & compliance of semi-custom APUs using Automated Test Equipment at extreme conditions.
  - Developed scripting program using *Perl* to facilitate big data aggregation & determine trends in testing results.
  - Participated in meetings with customer (Microsoft) to identify & document APU architectural performance issues.

- **Downtyme**   downty.me/
  Co-Founder & Program Manager   *Nov. 2013 – Present*
  - Conceptualized iOS & Android social-productivity app and led product team through design & development stages.
  - Co-founded corporation and acted as lead product manager to eventual funding by Rough Draft Ventures.

- **Luxe St.**   luxe-st.com/
  Product Design Lead   *April 2014 – Present*
  - Designed user interface, UX, style guide & branding materials for high-end fashion e-commerce iOS application.
  - Currently developing iOS beta using *Swift*, for distribution in Winter 2016.

- **Barron Roth Photography**   barronroth.photography/
  - Photographer for a variety of clientele from Ariana Grande to Cushman & Wakefield Commercial Real Estate.
  - Organically acquired over 10,000 followers on Facebook & Instagram platforms for business promotion.

Activities

- **Boston University Student Government**   BUStudentGov.com/
  Vice President   *April 2015 – Present*
  - Championed revival of digital presence for BU Student Government by developing website & redesigning logos.
  - Led transition of cabinet & executive board members onto *Slack* for communications & *Trello* for task management.

- **Society of Hispanic Professional Engineers (SHPE)**   SHPEBU.org/
  President   *Fall 2012 – Present*
  - Created and maintained a professional online presence for the chapter by creating the website SHPEBU.org.
  - Attended two SHPE National Conferences across the US to represent our chapter on a national level.

- **BU Entrepreneurship Club**
  Mentor – Startup Challenge   *October 2013 – Present*
  - Served as a mentor for a team of undergraduates participating in BU E-Club's Annual Startup Challenge.
  - Designed TechR.edu, a non-profit which repurposes technology for 3rd-world usage, winning the 1st Place Prize.

- **Computer Engineering Club (Make_BU)**   make.bu.edu
  Cofounder   *October 2013 – Present*
  - Cofounded BU's first organization dedicated to hackathons, hosting a weekly hack night for CS practice.
  - Assisted in organizing and hosting BU's first-annual hackathon, MakeBU, with 500+ attendants from all over New England.

Honors & Recognitions

- Downtyme – 1st Place: MIT Beantown Throwdown Startup Competition & BU ENG Imagineering Competition

- Dean's Host – Boston University College of Engineering. Selected among several hundred applicants.

Technical Skills

Languages: Swift, Python, Ruby (on Rails), C, C++, HTML, CSS, Perl, LaTeX, MATLAB, Spanish (fluent)
Software: Sketch, Principle, Slack, Trello, Asana, Final Cut Pro, Adobe Photoshop, Lightroom, Illustrator