Barron Roth

broth@bu.edu • @iamBarronRoth • BarronRoth.com • linkedin.com/in/barronlroth

---

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

- **Tablelist**   **Boston, MA**
  Software Engineering Intern   *Summer 2015*
    – Developed a more informative event system for customer-facing iOS application using *Swift*.
    – Initiated migration of back-end from Core Data framework to Realm using Swift 2.0.

- **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*
    – Developed concept for iOS & Android social-productivity app and led product team through
    – Co-founded corporation to eventual funding by Rough Draft Ventures.

- **Luxe St.**   luxe-st.com/
  Product Design Lead   *April 2014 – Present*
    – Developed UI, UX, aesthetic & branding materials for high-end fashion e-commerce iOS app.

- **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/
  Student Body Vice President   *April 2015 – Present*
    – Created and maintained a professional online presence for the chapter by creating the website SHPEBU.com
    – Attended SHPE 2013 National Conference in Indianapolis, Indiana to represent our chapter on a national level

- **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.com
    – Attended SHPE 2013 National Conference in Indianapolis, Indiana to represent our chapter on a national level

- **BU Entrepreneurship Club**   make.bu.edu
  Mentor – Startup Challenge   *October 2013 – Present*
    – Served as a mentor for a team of undergraduates participating in BU E-Club's Annual Startup Challenge
    – Currently organizing *MakeBU*— Boston University's first regional hackathon scheduled to take place in Fall 2014

- **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: BU ENG Imagineering Competition; BU Entrepreneurship Startup Competition   *Oct. 2014*
- Dean's Host – Boston University College of Engineering. Selected among several hundred applicants.   *Spring 2013*

Technical Skills

Languages: Swift, Objective-C, Python, C, C++, HTML, CSS, Perl, LaTeX, MATLAB, Spanish
Software: Sketch, Principle, Final Cut Pro, Adobe Photoshop, Lightroom, Illustrator, Premiere, After Effects