

# Barron Roth

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## Education

- **Boston University** **Boston, MA**  
*College of Engineering, B.S. 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
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## Experience

- **Tablelist** **Boston, MA**  
*Software Engineering Intern* Summer 2015
    - *dogs for nightlife.* Focusing on improving UI/UX for Tablelist iOS application using *Swift*.
  - **Advanced Micro Devices (AMD)** **Austin, TX**  
*Semi-Custom Product Development Co-Op Engineer* Spring 2014
    - Tested compatibility, compliance, and coverage of semi-custom APUs from product definition through qualification & into high volume production by developing product-specific system test software & diagnostics in Perl.
    - Worked with customer (Microsoft) to identify, resolve and document processor architectural performance issues.
  - **Downtyme** **www.Downtyme.me**  
*Co-Founder & Program Manager* Nov. 2013 – Present
    - Conceived idea and manage development team on technical vision, design, and implementation of iOS & Android application aimed at merging schedules in the cloud to connect people in real life. *Funded by Rough Draft VC.*
    - Leading product design team on native iOS & Android redesign based on beta tester UI/UX feedback.
  - **Luxe St.** **www.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** Sept. 2011 – Present
    - Photographed for a variety of clientele from Ariana Grande to Cushman+Wakefield Commercial Real Estate.
    - Organically obtained 10,000+ followers across social media platforms for marketing & business promotion.
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## 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.com**  
*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
    - Created organization where students can educate one another in topic-specific discussions after compiling club members' educational background and desires
    - 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.
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## 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*
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## Technical Skills

**Languages:** Swift, Objective-C, Python, C++, HTML 5 & CSS 3, Perl,  $\text{\LaTeX}$ , MATLAB

**Software:** Adobe Creative Cloud, Sketch3, Final Cut Pro