



Barron Roth

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Education

Boston University | College of Engineering

Dec 2016

B.Sc. Computer Engineering, Conc. Technology Innovation

Pine Crest School

May 2012

ACT: 33, Honor Roll, National Merit Commended & Hispanic Recognition Program Scholar

Experience

BLADE | Program Management Intern

Summer 2016

- Integrated market analysis & user feedback to create requirements spec for new BLADE features
- Designed final user interface and user experience for respective product features in Sketch
- Provided photography and videography services to BLADE marketing team for advertising

Tablelist | Software Engineering Intern

Summer 2015

- Built an improved event feature for Tablelist iOS app containing relevant API data using Swift
- Initiated migration of iOS back-end from Core Data to the Realm Mobile Database in Swift 2.0
- Led QA efforts by interviewing specific user demographics targeted through custom scripts
- Provided nightlife photography for Tablelist events at New York City & Boston partner venues

AMD | Product Development Engineer

Spring 2014

- Tested coverage and compliance of semi-custom APUs using ATEs at targeted conditions
- Developed scripts to facilitate big data aggregation and determine trends in testing results
- Engaged in meetings with *Microsoft* to identify & document Xbox One APU performance issues

Downtyme | Co-founder + Product Lead

Founded 2014

- Conceptualized social-productivity app and led team through design and development stages
- Established corporation and acted as lead PM to eventual funding by *Rough Draft Ventures*

Barron Roth Photography

Founded 2013

- Photographer for a variety of clientele ranging from *Ariana Grande* to *Cushman & Wakefield*
- Organically acquired over 10,000 followers on social platforms for business promotion

Activities

Boston University Student Government | Vice President

2015-2016

- Led revival of digital presence by developing website & designing branding (*bustudentgov.org*)
- Transitioned 50 government officials onto Slack & Trello platforms for tasking & communication

Society of Hispanic Professional Engineers | President

2012-2016

- Created and maintained a professional online presence for the chapter, doubling member base
- Attended two SHPE National Conferences to represent our chapter on a national level

BU Entrepreneurship Club | Startup Challenge Mentor

Fall 2014

- Served as a mentor for a team of undergraduates participating in E-Club's Startup Challenge
- Designed *TechR.edu*, a non-profit that repurposes tech for 3rd-world usage, winning 1st Place

Make_BU | Co-founder

Fall 2013

- BU's first organization dedicated to hackathons, hosting a weekly hack night for CS practice
- Assisted in organizing & hosting BU's first-ever hackathon, with 500+ attendants from the US

Skills

Languages + Frameworks

Python, Swift, Ruby on Rails, C, C++, HTML, CSS, Javascript, Perl, Latex, MATLAB, Spanish (fluent)