

EDUCATION

Princeton, NJ	Princeton University	2013 – 2017
<ul style="list-style-type: none">• Major: Computer Science Engineering, B.S.E• Programming Coursework: Algorithms & Data Structures; Object-Oriented Design; Computer Vision; Natural Language Processing; Information Security; Logic Design.• Business Coursework: Think like a CTO; High-Tech Entrepreneurial Leadership; Design Thinking; Financial Accounting.		

EMPLOYMENT

Software Engineer	CleverOgre	Spring 2018 – Present
<ul style="list-style-type: none">• Shipped a website per month - 7 total as a part time employee working Mon-Wed each week.• Doubled development speed by building reusable tools and modules in our codebase.• <u>Utilized:</u> Within 3 weeks I learned PHP/WordPress/WooCommerce, SCSS, and TypeScript.		

Founder	Loco Events, Inc. (Startup)	Spring 2018 – Present
<ul style="list-style-type: none">• Built an iOS app with Swift/Objective-C to make it easy to exchange contact info and remember people with a photo.• Selected for ARKitchen presentation run by prominent VC Firms (Greylock, Shasta, Betaworks, & Candela)• Led 2 team members – 1 Marketing + 1 Web Developer• <u>Utilized:</u> Facial Rekognition/AWS, Apple Vision Framework, ARKit, SceneKit, CoreAnimation, Core Data, URLSession, Alamofire, Twilio, 4 Types of Social Login, Image Caching, MixPanel, a NoSQL server and an Express.js RESTful server.		

Founder	Cartful (Startup)	Spring 2014 – Spring 2017
<ul style="list-style-type: none">• Developed a Web Application for fashion discovery based on interests – StumbleUpon for Fashion• Grew from 0 to 3000 MAU. Average session duration, our KPI, was double our competitors at 8 minutes.• \$26,000 in non-equity grant financing from Princeton eLab accelerator & 1517 Fund/Thiel Fellowship• Led a team of 4 people – 2 Engineers + 2 Business Development.• <u>Utilized:</u> Full Stack Web Development - Ruby on Rails, PostgreSQL, Bootstrap, jQuery, Heroku, Git		

Software Engineer, Intern	Institute for Human & Machine Cognition	Summer 2013
<ul style="list-style-type: none">• Helped build the World's Fastest Bipedal Robot - the HexRunner Robot• Developed the computer model to demonstrate stable fast running using geometry and no external power for balance• <u>Utilized:</u> Java, Eclipse, SVN		

SOFTWARE PROJECTS

Personal Website: www.andreasdias.com (for additional projects) <u>Utilized:</u> React.js & Aframe/Three.js		
<ul style="list-style-type: none">• Wikiscrape (2017). Senior Thesis – A tool for researchers to index, measure and visualize the density and frequency of connections of Wikipedia pages given a seed page and relevant keyword. <u>Utilized:</u> Python, Scrapy, BeautifulSoup• Ripple (2016). Ripple is a web application that allows users to message experts in their field of interest in a group format, much like the amiable atmosphere of a reception after an event or talk. <u>Utilized:</u> Node.js, NoSQL, Bootstrap, HTML• MealMatcher (2015). Blind meal-matching website: sign up for random 1-on-1 meals with each other. <u>Utilized:</u> Bootstrap/CSS, Django/Python, Heroku, PostgreSQL• Echtchange (2014). A Web marketplace for Princeton students buying and selling items and free door to door delivery. <u>Utilized:</u> Bootstrap/CSS, Ruby on Rails, Heroku, PostgreSQL		

ADDITIONAL EXPERIENCE AND AWARDS

<ul style="list-style-type: none">• Celebrate Princeton Innovation: Awarded to the top STEM innovators at Princeton.• Princeton Entrepreneurship Club Officer Led 2 Teams: Led tours through NYC Startups & Taught 10 students in course on Design Thinking based on IDEO's Creative Confidence.• HackPrinceton Instructor & Mentor: Taught 30 students how to get started building a hackathon project.		
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Languages and Technologies

<ul style="list-style-type: none">• JavaScript; Swift; PHP; SCSS; HTML; TypeScript; Java; C; Python; MATLAB• XCode; ARKit; SceneKit; React.js; Ruby on Rails; Django; WordPress/WooCommerce; Eclipse; Heroku; AWS; Git		
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