

Cameron B. MacArthur

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PROFILE

Detail-oriented creative who loves working in groups. Excellent communication and technical skills, with a passion for the process of turning a creative idea into a product.

EDUCATION

NORTHWESTERN UNIVERSITY - Evanston, Illinois

September 2012 to June 2016

BS in Computer Science and BS in Communications Studies. Concentration in Interfaces.

GPA: 3.7

Dean's List - Winter Quarter 2013, 2015

WORK EXPERIENCE

TIDAL Labs – Evanston, IL

September 2015 to Present

Product Designer and Software Engineer

- Working in HCI with Northwestern's TIDAL Lab on an interactive board game called Invasion of the Energy Monsters.
- Designed, built, and programmed an interactive board using magnetic sensors and C code to bridge the gap between the digital and physical in the game. Published, and demoed work in late August, winning 1st prize at the GLS 2016 Conference.
- Worked with a team to build a Computer Vision system called Pianimals to teach children music

Adobe – New York, NY

June 2015 to September 2015

Digital Marketing Intern (Adobe Marketing Cloud)

- Managed outreach, including copywriting, vendor management and lead gen for several large tradeshow events for multiple vertical segments.
- Researched venue options, logistics and event details for Account Based Marketing Programs across three verticals.
- Traveled to multiple events to manage logistics and actual events. Helped to source and accelerate millions of dollars in pipeline.

BabyNinja, LLC – Evanston, IL

January 2015 to June 2015

Co-founder

- Incorporated startup. Created an Apple Watch integrated iOS app for new parents to track the activity of their babies.

Freelance

September 2014 to Present

Website Designer/Developer

- Have done website construction and maintenance for startups, production companies, research laboratories, Northwestern University, independent clients, student groups, and more! Work with Javascript, HTML, CSS, SQL, ASP, Perl, and Php.

Dearborn Observatory – Northwestern University

March 2013 to Present

Telescope Operator and Tour Guide

- Lead public tours, operating telescope and teaching history and astronomy.

RDIS, LLC – West Windsor, NJ

June 2010 to September 2013

Software Engineering Intern and Assistant

- Firm is a consultant to DARPA, the research and development arm of the Department of Defense
- Supervised team of six coworkers in executing a wide area motion tracking and ground truth crowd-sourcing test.
- Created ground truth for over one hundred hours of motion imagery tracking video footage
- Conducted testing in Washington D.C. and Boston to develop and refine hyper-spectral imaging sensors.
- Helped to improve, and port output to user interface, a 3D model-building software for cities and towns.

SKILLS/INTERESTS

- Extensive experience in HTML and CSS, solid skills with Javascript, C, C++, Java, and SQL, and experience with many more.
- Connected Home enthusiast, networked entire home and am active in the IoT community.
- Proficient in Spanish, write and arrange music.
- Eco-Chair on campus, won campus sustainability award.
- Life-long musician. Sang at the Academy Awards on stage with Beyoncé, for presidents, at Carnegie Hall three times, for Sir Paul McCartney, and recorded a CD.