




Adrian Bautista

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Education

New York University (NYU) Tisch School of the Arts *New York*
M.P.S. Interactive Telecommunications Program (ITP), May 2020

- Thesis: "EmoCaptcha: Opening the Black Box of Emotions"

A collection of speculative web projects using affect recognition technology—human emotion detection—to critically reflect on enigmatic black box systems

Relevant Projects

- CRISPR Detective: crime themed interactive museum installation on CRISPR
- Public Message: WebAR experiment that explores online discussion with locality
- ChatBotany: Messenger chatbot connected to a physical plant using Raspberry Pi
- 2 Person Authentication: HID device that requires two users to enter a 2FA code

Relevant Coursework

- Experiments in Augmented Reality
- Playful Communication of Serious Research
- Tangible Interaction Workshop
- Prediction as Planning: Wayfinding for Future Thinkers

Georgetown University *Washington, D.C.*

B.A. Economics, Minor in Film & Media Studies, May 2012

- Honors: Phi Beta Kappa, magna cum laude, GPA 3.873 / 4.00
- Thesis: So Where's Home?, a short documentary about Third Culture Kids (TCKs)

Experience

Bit Studio *Bangkok*

Creative Technologist Intern, June 2019 - Aug 2019

- Built machine learning web-based prototypes for multinational client projects
- Researched and fabricated a physical prototype inspired by Thai silk weaving
- Participated in client project proposal brainstorm sessions

Betterment *New York*

Software Engineer (Level 3 Senior), July 2016 - July 2018

- Worked as full stack engineer for Betterment for Business (B4B), 401(k) product
- Managed and mentored B4B's engineering intern during summer 2017

Kitchensurfing *New York*

Full Stack Software Engineer, Sept 2015 - May 2016 (ceased operations)

- Built customer features, internal tools, and mobile APIs using Ruby on Rails

General Assembly (GA) *New York*

Full Stack Software Engineer, Feb 2013 - Aug 2015

- Led engineering on ga.co/profiles, 60% of conversations led to job interviews
- Also taught intro programming workshops after work hours and online

Summary

Recent NYU ITP graduate interested in using emerging technologies to merge physical and digital experiences, tell stories, and provoke critical thinking for general audiences

Over 5 years of Ruby on Rails and full stack software engineering experience within agile consumer and enterprise product teams

American born and international upbringing in Singapore; strong interest in global communities and working overseas

Fun Facts

- Cycled from Kunming, China to Hanoi, Vietnam to raise money for schools in China and Sierra Leone during the summer of 2008
- Ate a yak burger in Lhasa, Tibet

Skills

Software

Ruby on Rails, Node.js, HTML, CSS, Git, React, SQL, Python, Max MSP, Adobe Premiere Pro

Hardware

Arduino, Raspberry Pi, laser cutting, wood/plastic fabrication

Process

User story driven development, agile, unit/integration testing, pull-request code reviews

Protocols

Bluetooth Low Energy (BLE), Open Sound Control (OSC), WebSocket

Experimenting/Exploring

WebXR, TensorFlow, Unity, DMX, 360 video capture, photogrammetry, biohacking