

Bomani McClendon

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WORK EXPERIENCE

FACEBOOK | Software Engineering Intern

September 2016 – December 2016 | Menlo Park, CA

- Launched the “Your Videos From Facebook” product experiment, reaching millions of people weekly and resulting in an increase in personalized video share rate.
- Coordinated cross-functional decision-making across product management, design, data science, and content strategy.
- Utilized large-scale A/B testing, complex queries, and handcrafted dashboard visualizations to observe the product’s impact on core metrics.

IDEO | Software Design Intern

June 2016 – September 2016 | Palo Alto, CA

- Strategized and prototyped an innovative product line addition for a robotics toy company – conducting multiple user research sessions, leading brainstorming, and building software in conjunction with designers and clients.
- Collaborated with clients and contractors to design and implement software prototypes for data-driven approaches to improving city transportation.

BOEING | Electronics Prototyping Intern

June 2014 – August 2014 | St. Louis, MO

- Built a simulation interface in C# used to rapidly generate custom route directions for a Super Bat UAV (unmanned aerial vehicle), reducing testing time by 80%.
- Created multi-threaded software to translate between Piccolo and Cursor on Target communication protocols, allowing for Android applications to view the UAV’s position and send new routing directions.

GRUBHUB | Mobile Software Development Intern

June 2015 – September 2015 | New York City, NY

- Developed an update for MenuPages iOS. Lead product decisions, analyzed Flurry usage data, and worked with teams in Chicago and India.

NORTHWESTERN STUDENT HOLDINGS | VP of Technology

February 2015 – January 2016 | Evanston, IL

- Managed a growing team of student developers and contractors to complete technical projects that drive business growth for NSH’s five portfolio companies and automate financial tasks to decrease labor time by up to 85%.
- Applied creative business strategy and web technologies to raise conversions and strengthen marketing efforts for a dorm room essentials company called RezEssentials, leading to a 596% increase in profit.

EDUCATION

NORTHWESTERN UNIVERSITY

BS in Computer Science

Completed June 2017

GPA: 3.657/4.000

SKILLS

Node • React • Redux • Python • Flask
• PHP (HVVM) • PostgreSQL •
MongoDB • C# • C++ • MATLAB • R •
JavaScript • HTML/CSS • Arduino •
Raspberry Pi

SELECTED PROJECTS

Shrumen Lumen: Wrote software for a massive art installation presented at Burning Man, the MeetD3 Festival in Dubai, and the Smithsonian’s Renwick Gallery in early 2018. Featured in WSJ & 7Days UAE.

Polaris: HCI research paper on scaling undergraduate research training opportunities. Submitted to CHI ’18.

Waves: Creative RPi project that thermal prints voice recordings. Featured in the official Raspberry Pi Magazine.

Web Freelancing: Built creative websites for musicians and agencies using React and Redux.

ENGAGEMENTS

Speaker at !!Con ’17

Presenter at MozFest ’15 in London

Technical Fellow at the Knight Lab

Researcher at Delta Lab

COURSEWORK

Social Media Mining

Design, Technology, & Research

Social Computing & Crowdsourcing

User Experience Design

Agile Software Development

Microprocessor System Design