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# HARRISON MILLER

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 [hmaxmiller.com](https://github.com/hmaxmiller)



Yale '17. 4+ year React/React Native/Node developer. Technical Consultant @ Celena. Interested in Product or Software Engineering role.

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## Summary

Fast learner specializing in front-end development, product analysis, customer insights, and mobile solutions. 4+ years of hands-on programming experiences in JavaScript, React/React Native, NodeJS, and C, with desire to learn new languages and tools enthusiastically as needed. Demonstrated ability in acquiring business knowledge and using data-driven approaches to product creation. Successfully led cross-functional consulting team of Yale engineers and designers to build innovative, high-quality solutions to complex problems.

Hungry to take on the challenge of a lifetime. Authorized to work in the U.S. for any employer.

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## Technical Skills

- JavaScript/ES6/ES7
- React/React Native
- Bootstrap
- C
- Front-End Development
- Technical Consulting
- Research Methods
- Agile/SCRUM
- Microsoft Office
- Sketch
- Waffle.io
- Trello

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## Experience

2016 - 2017

Technical Consultant & Lead Full-Stack Mobile Developer

*Celena*

Lead vision, strategy, and software development for Celena consultancy client projects (<https://www.celena.co/#team>). Specialty in full-stack JavaScript applications using React, React Native, and Node.

- Customized Features - Facilitate a data-driven approach to introduce a customized feature prioritization framework in the product development cycle to enhance transparency for senior management and other key stakeholders.
- Software Success - Spearhead the design, strategy planning and implementation of software from ground up resulting in revenue-driving products for client SMBs.
- Staff Leadership - Hire, supervise, and manage performance of team of designers, engineers, and contractors focused on optimizing service to enterprise client base.

2014 - 2016

Developer & UX Researcher

*Various Early Stage Companies*

Received \$10000 in fellowships to build out MVPs for early stage student ventures, including Venture (collegiate activities-based social networking app), Membra (public speaking anxiety solution), and Celestrix (VR archery training simulator)

- Execute MVP development based on user feedback and market analysis, often with completion in under 4 months.

- Executed on full product design cycle by defining product requirements, creating user flow diagrams, and producing high-fidelity prototypes.
- Collaborated with an engineering team by leading biweekly development sprints as well as conducting full QA assessments of each release.
- Defined and monitored product usage KPIs to inform subsequent product iterations.

2014 - 2015

## Front-End Engineer

### *Yale University*

- Designed, built, and optimized author website for Stephen S. Roach, former Chief Economist & Chairman of Morgan Stanley Asia, to promote new book (Unbalanced: The Codependency of America and China).
- Led the design and implementation of A/B testing initiatives across all touchpoints in customer purchase funnel, leading to a 26.67% increase in overall visitor-to-customer conversion rate.
- Implemented and maintained search functionality based on timsort & Rabin-Karp string matching for database of 100+ op-ed articles.

2012 - 2014

## Earlier Experience

### **Associate Brand Manager**

#### *iXperience*

- Advised branding campaigns on product positioning, sample size, and demographic targets. Worked with CEO and COO to manage and prioritize growth initiatives for coding bootcamp, resulting in product sell-out in < 5 months.

### **Organic Chemistry Researcher**

#### *Miller Lab at Yale University*

- Invented and tested a new chiral phosphoric acid catalyst that improved conversion rate of reactions by roughly 34%.

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## Education

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2012 - 2017

## Bachelor of Arts

### *Yale University*

Joint Psychology & Computer Science program in Psychology department focusing on Human-Computer Interaction. Read thesis here: <https://www.hmaxmiller.com/HumorEvaluationsHCI.pdf>

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## Community Involvement

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- **National Society of Black Engineers** – Elected Member, Yale University Chapter
- **Yale Entrepreneurial Institute** – Venture Creation Program, \$2500 Fellowship
- **YHack Hackathon** – Event Organizer (1500+ hackers)
- **Research Fellowships** – \$5000 Miller Lab Fellowship, \$1000 Richter Fellowship, \$1000 Babcock Fellowship

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## Activities

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- **Yale University Archery Team** – Founder & Captain: fundraised over \$7500, hired nationally certified coach, recruited fellow officers, and regulated budget operations for equipment and competition expenses.
- **Yspaniola** – Volunteered to build education infrastructure for communities in Batey Libertad, Dominican Republic.