#### ALY CALLAHAN

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## **EDUCATION**

### **COLUMBIA BUSINESS SCHOOL**

New York, NY

MBA, Technology (Product Management) and Healthcare, May 2019

2018-2019

Leadership: Technology Business Group, AVP; Microbrew Society, AVP

Membership: Data Analytics Club; Columbia Entrepreneurship Organization; Venture Capital Club; Healthcare Industry

Association; Innovation and Creativity in Business Society; Columbia Women in Business

Pangea: Pro-bono consultant delivering EMR monetization strategy to Koe Koe Tech, a HealthTech start-up in Myanmar

### LEHIGH UNIVERSITY

Bethlehem, PA

**BS**, Bioengineering, May 2011

2007-2011

Honors: Bernard H. Jacobson Scholarship, merit-based scholarship for engineering students

Capstone: Developed prototype and go-to-market strategy for BioTrak Therapeutics, a healthcare wearables start-up *Involvement:* The Brown and White newspaper, Staff News Writer; Alpha Gamma Delta sorority, Activities Coordinator

#### **EXPERIENCE**

ATHENAHEALTH Watertown, MA

Healthcare technology company focusing on electronic medical records and related software

2013-2017

**Product Manager, Analytics** (2016-2017)

- Led nine-person team of software engineers, user experience, and product associates in creating new dashboard application for physician groups to use to improve business performance; met alpha goals, allowing move to 250-client beta
- Spearheaded efforts to reduce application load time, resulting in a 53% improvement
- Designed algorithm-based experiment to provide automated recommendations to clients; proof of concept drove \$140K performance improvement for client
- Facilitated successful transition of 5-person development team from Atlanta, GA to Chennai, India
- Shepherded team through company-wide adoption of agile software development, doubling development velocity

#### Manager, Analytics (2015-2016)

- Ran team using strategic analytics to optimize business performance for a portfolio of national hospital clients; saved largest U.S. nonprofit health system \$45M in 2016
- Managed two associates, providing career coaching that led to each of them being promoted six months early
- Forged coalition between Account Management and Analytics departments via relationship building and aligned incentives
- Led analytics intern program, culminating in full time offers for two interns

#### Associate – Senior Associate, Analytics (2013-2014)

- Engineered SQL to analyze bugs in insurance claims; identified problem and worked with product management team to implement solution and monitor results, increasing client revenue potential by \$1M annually
- Implemented analytical consulting program to optimize product usage, saving a hospital \$190K and proving the need to increase team size from 2 to 10 by 2016
- Taught SQL class for two groups of 15 students, promoting a culture of data-driven decision-making

## **BOSTON BIOMEDICAL CONSULTANTS (an IQVIA company)**

Waltham, MA

Niche healthcare consulting and market research firm focusing on the in vitro diagnostics market

2011-2012

# Market Research Analyst, Molecular Diagnostics

- Developed network in infectious disease space via conferences, cold calling, and society membership (see *Publications*)
- Produced competitive analyses, financial models, strategic appraisals, product reviews, and market outlooks

### ADDITIONAL INFORMATION

Skills: SQL, Jira/Confluence, Agile Scrum Methodology, Design Thinking, Product Management, People Management Coursework: The Product Institute - Product Management Core Curriculum, 2017

Volunteer Work: Big Sister Foundation; Athena Women's Leadership Forum, Chair; Athena Diversity Council; Athena Mentor Publications: Molecular Dx-based blood screening and patient blood management stoke discussion at AABB. Clinica, 2012; MC3T3 Preosteoblast Differentiation on Bone Morphogenetic Protein-2 Peptide Ormosils. J Mater. Chem., 2012

Interests: Hiking/snowboarding (14,000-foot peak, hut trips, and backcountry split-boarding); Softball (8 seasons); Yoga