

# Ana Bealo

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## WORK EXPERIENCE

**Cimpress**, Waltham, MA, USA

**Lead Software Engineer**

**April 2017 – Present**

- Technology manager of full-stack engineering team of 6
  - Collaborated with product owner to set product direction
  - Brainstormed with team over technical designs and coding best practices
  - Developed key features for an in-house Product Information Management (PIM) system (the primary tool used for product creation and management by Cimpress businesses)
- Led full-stack engineering team of 3
  - Identified key requirements from consumers and translated them into developer tickets
  - Designed user experience flows and produced wire frames for a customer facing product
  - Developed .NET state machine used to process permutation space algorithm challenges
  - Developed new way for businesses to create and update products that was more closely aligned with their internal management systems.
  - Traveled to Germany to sit with users and generate requirements for the products we were designing
- Led team of 6 engineers across time zones (Mumbai – Boston)
  - Collaborated with UX designers to refine customer flows
  - Learned how to lead distributed team across a 10-hour time zone difference
  - Created a new product catalog showing all product offerings owned by Cimpress Businesses
  - Traveled to Mumbai twice to align with the team and do knowledge transfers

**Factset Research Systems**, Boston, MA, USA

Software Engineer

**Jul 2015 – April 2017**

- Worked in C++ to design, develop, and debug tools to model client portfolio risk.
- Collaborated with others to create and update Monte Carlo simulation models so that they meet practical and theoretical constraints.
- Created scripts to aid workflows of myself and my co-workers

**Charles River Analytics**, Cambridge, MA, USA

Software Engineering Intern

**May 2014 – Sep 2014**

- Re-factored Java system to classify oceanic objects, focused on identifying torpedoes based on acoustical analysis
- Built Java system to implement conversion analysis of geosynchronous satellites in orbit
- Implemented algorithms to mathematically deduce how to identify satellites based on Keplerian orbital mechanics

## LANGUAGES & SKILLS

**Technology:** React, JavaScript (es6), .Net Core, C#, HTML, CSS, Java, AWS, git

**Skills:** Flexibility, Communicative, Pro-active, Organized, Creative, Optimistic, Diplomatic

**Tools:** Sublime Text, VS Code, Visual Studio, Rider, Whimsical, GitLab

## EDUCATION

**University of Rochester**, Rochester, NY USA

Bachelor of Science (B.S) in Computer Science

- Graduated with distinction

Bachelor of Art (B.A) in Mathematics

- Graduated with distinction

## TEACHING EXPERIENCE

**University of Rochester**, Rochester, NY USA

- Head TA for *Data Structures and Science of Programming*
- TA for *Data Structures and Science of Programming*
- TA for *Calculus I* and *Calculus II*

Sep 2014 – May 2015

Sep 2013 – May 2014

Sep 2012 – May 2014

## INTERESTS

**Academic:** Algorithms, Data Structures, AI, Combinatorics, Probability, Geometry

**Hobbies:** Hiking, Traveling, Gardening, Baking, Wood Working, Home Improvement Projects