




# Robert Bajor


## Professional Title


I am a lifelong learner who creates environments where people and projects can grow and succeed. I have a proven track record of supporting large and small for-profit and non-profit organizations through both lean, traditional, and AGILE project/product management techniques. Let's learn, grow, and build something together!


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@misterbajor 

## Work Experience

### Technical Project Manager Digital Promise

2014 – Present

Redwood City, California

Digital Promise is an industry-leading nonprofit organization authorized by congress in 2008 to spur innovation in the education sector. Digital Promise is also known as "the National Center for Research in Advanced Information and Digital Technologies" under Section 802 of the Higher Education Act.

#### Tasks/Achievements

- Drive engineering coordination, partnerships, hiring, quality assurance, and execution focused towards ongoing project development and success.
- Collaborate with cross-functional teams (Communications, Operations, Research) and partners to develop project schedules, milestones, and requirements documentation.
- Coordinate with external stakeholders to manage, track and control project issues to ensure timely development of credentials and pilot programs.
- Defined project scope and measure project performance of full-stack web applications, ensure quality across development environments, and draft ongoing project reports.
- Manage project development sprints and limit scope creep/identify project impediments and/or blockers.

Contact: Jennifer Kabaker (Director)–Available upon request

### Teacher of Biological Sciences Elizabeth Board of Education

2010 – 2014

Elizabeth, New Jersey

The Elizabeth School District is a large, urban, high-needs district with schools that are ranked among the top schools in New Jersey.

#### Tasks/Achievements

- Develop and implement curriculum for the following subject areas: Biology (10), Environmental Science (9,11), Physiology (12), ELA/Literacy (6), History (6), Mathematics (6), Writing (6), Academy of Health Sciences (9).
- Develop all testing material that complies to state and federal standards - Implemented district-wide.
- Developed a Learning Management System based on open-source repositories in conjunction with a paid platform.
- Served both the students and the community through the development of the H.O.P.E. group. (Helping other People and the Environment)
- Served as technology lead for Google Apps for Education Implementation. Additionally, I served as a Science lead for AVID implementation.

Contact: Fatimah Bey–Available Upon Request

## Skills & Core Competencies

Diverse Partnership  
Management Experience

Extrapolating  
Quantitative/Qualitative  
Data

Instructional Design

Lean Project  
Management/BML

Partnerships

Platform Development:  
HTML5, CSS 3, JS, ReactJS,

Product Management/AGILE

Product Research /  
Hypothesis Testing

Project Management Body  
of Knowledge

Short and Long-term Project  
Planning/Execution

Split Testing / A/B Testing

Strong Technical and Non-  
technical Communications

Technical Aptitude

User Experience / User  
Interface Design

Wireframing / Facilitate  
Design Sessions

## Achievements

Industry Representative/Thought Leader - W3C (09/2016 – Present)

I served as a representative for the verifiable claims task force and supported the development of and presented use cases in the education sector.

Micro-credential Builder (07/2016 – Present)

I managed the development of a full-stack web application that streamlines the creation of nationally recognized educator credentials.

250 micro-credentials and counting... (07/2016 – Present)

I've managed the development of almost all of the micro-credentials currently offered by Digital Promise.

Educator Credential Ecosystem Development (06/2014 – Present)

I have supported the development of 200+ competency-based educator credentials that are recognized by states and districts.

Development of Competency-based Credential  
Framework (06/2014 – Present)

I currently serve as a national authority on both the code-base and the framework that supports open-badge compliant (OBS) credentials.

Competency-based Framework (06/2014 – Present)

Thought leader and "Guru" for guiding partners through the development of micro-credentials.

150+ Micro-credentials in collaboration with 25+ organizations (2014 – Present)

## Personal Projects

### Project Pi in the sky - Demo available upon request (08/2914 – Present)

- Led product design, use cases, requirements, and development of low-cost, hybrid drone.
- Pitched concept and developed MVP for Intel - America's Greatest Makers Contest.

### Author of "Whale Fall" (2016 – Present)

- Work currently in progress, and available on iBooks in ebook format. Includes video, audio, and extended glossary including standards-aligned vocabulary.
- The book is designed to facilitate discussions between families, educators, and children who have experienced a loss.
- Currently available in 30+ countries
- [www.educationvoyager.com/whale-fall-cover](http://www.educationvoyager.com/whale-fall-cover)

### Pi in the Sky (2015 – Present)

- Developed both the hardware and software necessary to prototype a personal satellite based on open-source repositories.
- Pursued by outside investors to grow this project (Intel), but opted to keep it as a labor of love, and model for "Maker" education curricula.
- <http://educationvoyager.com/piinthesky/>

### Education Voyager Learning Management System (2011 – Present)

- Lead developer and content producer (Javascript, CSS3, HTML5).
- Built relationship with members of Squarespace team to establish educational use case around implementation.
- [www.EducationVoyager.com](http://www.EducationVoyager.com)

## Education

### Bachelor of Science, Biological Sciences Rutgers University

09/2004 – 01/2009

New Brunswick, NJ

#### Courses

- Biotechnology
- Biochemistry
- Bioethics
- Microbiology
- Genetics/Cloning
- Bioremediation

## Achievements

### Eagle Scout (1999 – 2004)

I achieved the rank of Eagle Scout during my final year of high school. This is a lifetime achievement that cannot be initiated until you are 13 and must be completed before you turn 18. My Eagle Project was developing a robust database and catalogue that is still in use by the City of Rahway (NJ) library system.

## Languages

English - American  
*Native or Bilingual*

Japanese  
*Beginner*

Spanish  
*Beginner*

## Interests

Aerospace and Space Technology | Artificial Intelligence |  
Biotechnology | Domestic and Foreign Policy |  
Equity/Inclusion/Diversity |  
Hardware and Software Development | Human Rights |  
Machine Learning | Project Management Methodology |  
Renewable Energy