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Barry Eom

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EDUCATION

TUFTS UNIVERSITY
BS: COMPUTER SCIENCE,
COGNITIVE AND BRAIN SCIENCES
Expected May 2020 | Medford, MA
Cum. GPA: 3.87 / 4.0

SKILLS & INTERESTS

Programming Languages:
JavaScript • Python • C • C++ • Matlab
Haskell • HTML5/XML/CSS • Java
Tools & Frameworks:
Django • PostgreSQL • NodeJS • Flask
MongoDB • Jenkins • Docker • Bootstrap
PM2 • EJS • LaTeX • Express • NGINX
Languages:
English • Korean • Japanese (all fluent)
Interests:
Soccer • Rock-skipping • Piano • Guitar
Being a pessimistic Chargers & Tottenham fan

PROJECTS

Jeanne Geiger Project (Ongoing)
- Creating a platform to empower staffs
  of Jeanne Geiger to end domestic violence
- Implementing a secure front-end &
  backend system that allows for quick &
  flexible storage of case related data
- Used Python, React, Django, PosgreSQL

Textbook Exchange Network
- Created a platform to exchange
  textbooks for affordable textbooks for
  students with a team of ten engineers
- Implemented a backend database and
  systems, saving $500,000+ for students
- Used React, Django, PostgreSQL, Node

VisDash - "vision, visibility, visualize"
- Designed a platform that augments
  growth, transparency & efficiency for
  medium to large scale organizations
- Implemented a visualization and an
  organization dashboard that convey
  long term OKRs & short KPIs
- Used Javascript, EJS, Node, HTML/CSS,
  Docker, Nginx, Bootstrap

Jobos - "Glassdoor for campus jobs"
- Designed & created, with a team of 3, a
  website for campus job opportunities
  with emphasis on transparency
- Used MongoDB, Google Maps API, Node

EXPERIENCE

MICROSOFT | PROGRAM MANAGER INTERN
May, 2019 – August, 2019 | Redmond, WA
- Drove the development of *Experts*, a platform for PowerPoint users to create
  professional presentations with designers, by aligning product, engineering,
  design, content teams & external partners–influencing 50+ team members
- Revised product vision & developed product strategy to expedite MVP launch
- Launched PowerPoint Style Pick (PptST), a feature that analyzes user presentation
  style, by architecting decision tree models & leading a team of engineers/designers
- Led the product discovery, planning, ideation, prototyping, and testing for PptST

KEYRUS DATA SCIENCE GROUP | FOUNDER, PRESIDENT
April, 2018 – Current | Medford, MA & NYC, NY
- Founded the first nationally scalable data science organization at Tufts by
  orchestrating a partnership with Keyrus US, Tufts administration, & TAMID Group
- Spearheaded partnerships with Wayfair, Intralinks, Hubspot, Agero, Vistaprint,
  BitSight Tech., EF Education First, Cogo Labs, & others for data projects & events
- Directed Tufts Tech & Data Industry Night, hosting several renowned keynote
  speakers (e.g. author James Williams from Oxford University), coordinating 20+
  tech companies for networking, & securing funding from several sponsors
- Created the data science education curriculum; led weekly data science education
  seminars; blueprinted marketing, recruitment, operations & expansion strategies

VISTAPRINT | PRODUCT & SOFTWARE ENGINEER INTERN
June, 2018 – August, 2018 | Waltham, MA
- Developed an organization platform that visualizes & reports all levels of
  Vistaprint's OKRs to empower Vistaprint's staff & increase company transparency
  and output; used by 2000+ Vistaprint employees globally
- Led the design & development of the product in 8 weeks, launching an MVP that
  best served the varying priorities of the stakeholders (executive management,
  middle-management, developers, and marketers)

JUMBOCODE | SWE (2017, 2018) & PM (2019)
Nov, 2017 – Current | Medford, MA
- Led a dev team to launch a website that empowers survivors of domestic violence
- Created roadmaps & drove iterative sprints, led backend implementation, and
  managed stakeholders to ship three products for three non-profit clients

TAMID GROUP NATIONALS HQ | VP OF CONSULTING
Nov, 2016 - June 2018 | Medford, MA & Ann Arbor, Michigan
- Revamped TAMID's consulting procedure by proving the need for an overhaul;
  collected & analyzed data from 46 TAMID chapters via Python scripts
- Supervised 150 consulting projects throughout 50+ college campuses
- Led weekly consulting methodology/strategy seminars; mentored 50+ students

ICON LABORATORY | RESEARCH ASSOCIATE
Feb, 2017 – Mar, 2018| Tufts University, Medford, MA
- Formulated a research to pioneer the standardizing mind-wandering detection by
  mapping correlation data analysis via MATLAB and Python pipeline scripts
- Discovered a method of identifying mind-wandering; result presented by
  Elizabeth Race, Ph.D, et al at 2018 Boston Cognitive Neuroscience Conference