

Edwood Brice

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EDUCATION

University of Massachusetts Amherst · Amherst, MA · May 2019

- B.S. in **Informatics** · GPA 3.53
- Pre-medical track studies, Commonwealth Honors College member, multidisciplinary honors coursework, Dean's List scholar
- Commonwealth Honors College Research Assistant Fellow · January 2017 – Present

TECHNICAL SKILLS

- Experience in R, Python, HTML, CSS, SQL, Java, and command-line environments.

RELEVANT COURSEWORK

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| • Web Programming | • Practice and Application of Data Management |
| • Human-Computer Interaction | • Data-Driven Storytelling |
| • Wearable Technologies in Physical Activity and Health | • Internet Law and Policy |
| • Telling Stories with Data: Statistics, Modeling, and Visualization | • Social Issues in Computing |

CAMPUS & COMMUNITY ENGAGEMENT

Information Technology Student Advisory Committee · Amherst, MA · August 2018 – Present

- Collaborates with IT administrators and student peers to discuss and help bring attention to network oriented issues on campus.
- Proposes ideas for IT campaigns that positively impact and engage all members of the UMass Amherst community.

Senior STEM Ambassador in the STEM Ambassador Program (STEMAP) · Amherst, MA · December 2015 – Present

- Provides freshman STEM peers with support to ensure their academic progress and future goals are on track
- Promotes STEM outreach through tabling sessions that recruit students considering majors in STEM
- Fosters peer networks by participating in workshops and community building activities focused on professional development and meaningful STEM involvement
- Presents faculty-sponsored research to engage students and make them aware of research opportunities available to them on campus

ENTREPRENURIAL, WORK & RESEARCH EXPERIENCE

University of Massachusetts Amherst · Amherst, MA · April 2018 – Present

College of Information and Computer Sciences Informatics Peer Advisor

- Produces academic resources to comprehensively support undergraduate freshman to senior informatics major peers
- Conveys experiences pertinent to informatics curriculum to aid peers with course selection, answer questions, and assuage concerns
- Shares relevant opportunities available at the university and beyond to enable peers to take advantage of them
- Carries tabling events that recruit prospective students

GeoCare · Boston, MA · February 2018 – Present

Founder

- Developed early-stage business proposal for a smartphone based service that matches elderly patients seeking healthcare to qualified nurses, physicians, and other health professionals in their area
- Networking with local health professionals and healthcare facility operators to implement a minimum viable product form of GeoCare

University of Massachusetts Amherst · Amherst, MA · June 2017 – May 2018

Undergraduate Ambassador and UX Designer for Expanding Computing Education Pathways (ECEP) Alliance

- Formulated archival schedule of legacy internal ECEP website used by alliance collaborators throughout the United States
- Designed and implemented framework for new internal ECEP website that maximizes functionality and content accessibility via GSuite

University of Massachusetts Amherst · Amherst, MA · June 2016 – Present

Undergraduate Evolutionary Genomics Researcher in Dr. Courtney Babbitt's Lab

- Conducted high-throughput computing analysis on hippocampus genes of deceased ring-tailed lemur (*Lemur catta*)
- Carried out gene ontology and enrichment analysis on human and primate (*Pan troglodyte*) genes
- Assembled gene transcripts into novel transcriptomes via de novo RNA-seq assembly and aligned transcriptomes to target using terminal-based bioinformatic software