Kassi Burnett, PhD

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Software developer with a passion for logic, learning, and people. Curious, creative, detail-oriented. Transitioning from an award-winning, decade-long, bilingual academic career focused on identifying and critiquing global inequities to a software development career centered around building equitable solutions for the future.

TECHNICAL SKILLS

Spring Boot, Java, PostgreSQL, HTML, CSS, JavaScript, Vue.js, React.js, Responsive Design, IntelliJ, Git, Unit Testing (JUnit), E/R diagrams, Integration Testing, Unix

TECHNICAL EXPERIENCE

◆ **Portfolio:** Developing website to learn new skills: React.js, Sass, EmailJS, Leaflet, GitHub Pages. www.kassiburnett.com
◆ **Taste Buds:** Designed to find the perfect place to dine. Restaurant matching and voting application using MVC pattern and RESTful APIs. Registered Taste Buds users can search for restaurants in a desired area and create scheduled events. Friends are invited via unique links to view restaurant information and submit votes. The program will record votes and calculate the winning restaurants. Utilizes Java, SpringBoot, JSON, Vue.js, Yelp Fusion API, and PostgreSQL. Github Link
◆ **COVIDCare: Developed for the GirlDevelopIt (GDI) Hackathon, *Hack4Health*.** Built to increase awareness of and access to long COVID resources and to help track long-term symptoms; connects user with COVID-19 statistics and NIH informational web pages; symptoms are recorded in journal entries with the date, COVID-19 test results, and any notes the user wishes to enter; utilizes Java, Spring Boot, SQL, JavaScript, Vue.JS, ElephantSQL. Github Link
◆ **Ohio State Accessible Campus Mapping System**: One of the first accessible campus mapping applications in the country; displays OSU campus features like accessible entrances, ground slope, difficult-to-reach areas; allows user input; utilizes Java, Javascript, GIS
◆ **Home Library Program**: User may enter ISBN, program calls OpenLibrary API to search for book details and report them to user; user may store any book in a searchable home library database; utilizes Java, JUnit, Spring Boot, SQL
◆ **Global cybersecurity workshop at NATO**: Selected alongside NY Times journalist as one of only 2 nominees in Germany by the German and Belgian Fulbright Commissions to travel to Luxembourg and Belgium for week-long seminar at the EU and NATO headquarters; discussed government responses to cyberterrorism

EDUCATION

Full-stack Coding Bootcamp, Tech Elevator, National Live Remote (NLR) Cohort   **December 2022**
  ◆ 14-week full-stack coding bootcamp covering the creation of dynamic web-based software systems using Java; provides 800+ hours of development education and application; selected as Represent Tech Scholar
PhD, MA, BA Germanic Languages and Literatures, The Ohio State University, Columbus, Ohio   **December 2021**
Fulbright Research Year, Rachel Carson Center, Ludwig-Maximilians-Universität, Munich, Germany   **March 2020**

PROFESSIONAL EXPERIENCE

Scholar   **2014 - Present**
  ◆ Awarded more than $100,000 in high-profile grants for innovative research and service, including a *Fulbright Research Grant*, *ENGIE-Axium grant*, and *Global Arts and Humanities Livability Grant*
  ◆ Managed team of 20+ and budget of $3000 to organize international, interdisciplinary, 2-day conference, *Environmentangled*, as president and acting treasurer for the German Graduate Student Association (GGSA)
  ◆ Conducted complex database, social media, and textual interdisciplinary research; published in English and German in peer-reviewed academic journals by Oxford, Indiana University of Pennsylvania, and Wehrhahn Verlag
  ◆ Communicated research insights to various German- and English-speaking audiences in 10+ presentations and 3 invited lectures throughout the U.S. and Europe
  ◆ Crafted editorial, nonfiction, and creative writing for Harvard's *Simplicissimus* and *The Columbus Dispatch*

Instructor and Curriculum Developer in German, Ohio State, Denison, Middlebury   **2014 - 2022**
  ◆ Delivered over $4.1M in instructional services; prepared course materials and provided written feedback for 1700+ students; received an evaluation rating of 4.9 out of 5 across 47 courses
  ◆ Pioneered OSU's adoption of *Impuls Deutsch*, a multi-modal, inclusive, and accessible German textbook series
  ◆ Led Middlebury's Diversitätsclub for 200+ students: educational DEI-community with international purview
  ◆ Designed and implemented Ohio State's first-ever online German language classes; leveraged new electronic and digital learning tools; these courses were crucial to OSU's ability to offer German courses during the pandemic
  ◆ Developed mentorship program for graduate students focused on mental health and wellness

Sierra Club Fellow and Editor of *The Sierran*   **2018 - 2019**
  ◆ Sought alterations to Clean Water Act 401 and 404 Permits from Ohio EPA to protect wetland resources