KRISTA CAROLINE FRYAUFF

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EDUCATION:

9/10-06/16   **Stanford University**, Stanford, CA. Undergraduate Program
- Bachelor of Science Degree in Computer Science with a concentration in Human Computer Interaction and a minor in Comparative Studies in Race & Ethnicity, conferred 06/16
- Coursework includes HCI, computer systems, visual design, design process, race/ethnic studies, literature/poetry

EXPERIENCE: TECHNICAL/RESEARCH/WRITING

1/16-05/16   **Mobile Web Developer,** Moobweb, 123 Mission St, San Francisco, CA
- Implemented & developed mobile web solutions for clients such as Peet's Coffee, Petco, & Bigotires, etc.
- Developed method of Gulp and CSS Inlining integration, POC resulted in ~30% TTFB improvement.
- Increased documentation of npm/gulp & inline strategies by 50%

1/14-12/15   **Web Developer**, Center for Spatial and Textual Analysis (CESTA), Stanford University, Stanford, CA
- Produce two web-based design models for data visualization using design, web, GIS skills
- Implement a platform to consider interactive mapping, timeline filtering functionality & information integration
- Assist in the transfer of recorded documents into a new database system

6/13-6/15   **Technical Intern**, Department of Entomology, Walter Reed Army Institute of Research, Silver Spring, MD
- Created testing phase designs for two departmental websites: VectorMap & WRBU
- Improved user interface for identification algorithms & IT products

LEADERSHIP/MANAGEMENT

6/12-6/15   **New Member Educator**, Sigma Theta Psi Multicultural Sorority, Delta Chapter Inc., Stanford, CA
- Increased the active membership by 25% through design & execution of events including Q&A sessions, team building activities, academic support, multicultural events
- Held position of President through 6/14

9/13-6/14   **President**, Multicultural Identified Community at Stanford, Stanford, CA
- Produced new programming, organized leadership, & integration in community centers
- Promoted from position of Publicity Director to President 9/13

9/12-6/14   **Resident Computing Consultant**, Muwekma-Tah-Ruk (native-themed residence), Stanford, CA
- Designed & supported house events/activities
- Provided technical support & taught classes on basic computing, multimedia skills, project building

6/12-9/12   **Technical Support Specialist**, Stanford Academic Computing, Stanford, CA
- Managed network issues, performed cluster machine maintenance and provided technical assistance

6/11-6/12   **Lead Web Designer**, Native American Cultural Center, Stanford, CA
- Constructed and managed a Facebook and flash-based wiki-page
- Designed and integrated concepts of breaking cross-cultural barriers and identity into a web-based interactive medium

8/10-9/11   **Midshipman**, Naval Reserve Officer Training Corps, United States Navy, University of California, UC Berkeley Unit
- Trained as an officer candidate, managing and executing events, tasks and personnel

TEACHING/COUNSELING

9/10-present   **Private Tutor**, Stanford, CA
- Tutor students in the introductory CS courses at Stanford (Java & C++ based courses)

9/11-6/12   **Instructor**, Stanford Residential Computing, Stanford, CA
- Taught classes on general computing and multimedia productions

10/11-6/12   **Instructor,** ThinkMath (formally F4Ed) Palo Alto, CA
- Adapted math lesson plans integrated with stories and games and taught small groups of elementary school students

SKILLS:

- Experience with: HTML5 | CSS3 | SASS | Twitter BootStrap | Javascript | Node.js/npm | Gulp | Grunt | Git/Repositories | JSON | AJAX | D3 | Java | C++ | C | Ruby on Rails | PHP | SQL | AAMPS | Dr. Scheme | TrueBasic, | Interactive C
- Understanding of: Mobile Web Development, Wireframing, Sketching, & the Design Process, GIS systems, ArcGIS, shape files, GEOjson, Topojson, D3 integration
- Proficiency with: Github, Bitbucket, Developer Tools, Xcode Simulator, Microsoft Office Suite, Publisher, Photoshop, Illustrator, Dreamweaver, Eclipse, limited experience with Garageband, iMovie, Video & Audio editing

ADDITIONAL INFORMATION:

- Born in Italy and raised in Cairo, Egypt and Jakarta Indonesia;
- Extensive international travel: Europe, Mexico, North Africa, New Zealand, etc.
- Interests include Piano and Alto Saxophone; Writing Poetry, Novels; Dragon Boating; Soccer; Kayaking; Polynesian Dance
- Language Skills: English, Conversational Spanish