Alexander W. Tickle

4824 Muir Ave, San Diego, CA 92107 | (267) 346-1030 | alexander.tickle@gmail.com
https://www.linkedin.com/in/alexander-tickle/ | Portfolio: https://alextickle.github.io/

SUMMARY

Full stack web developer with strong analytical skills dedicated to building and optimizing creative web applications that provide intuitive user experiences. Previous professional experience in software localization and wildlife conservation.

SKILLS

Languages – JavaScript, Java, Python, SQL, CSS, HTML
Frameworks/Libraries – React, Spring Boot, Express, JUnit, Redux, Apollo, Bootstrap, WebdriverIO, Jest, Cypress
Other- Postman, Sequel Pro, Eclipse, Node, Webpack, Maven, GraphQL

WORK EXPERIENCE

Intuit | San Diego, CA   October 2017 – Present
Software Engineering Contractor
   - Built self-service traffic dialing addon for Gateway Team in React
   - Integrated ElasticSearch into Developer Portal and tuned searches using ElasticSearch API
   - Built and optimized SQL-based typeahead search for Plugin Registry Node application
   - Developed UI test suite for Configuration Service addon using WebdriverIO

MJD Interactive | San Diego, CA   June 2017 – September 2017
Web Development Intern
   - Participated in two major client engagements, American Girl Doll (AG) and The Container Store (TCS)
   - AG: implemented bug fixes, built front end features in React, and provided browser support
   - TCS: built GraphQL Node backend and integrated data into React frontend using React Apollo

CETRA Language Solutions | San Diego, CA   April 2016 – March 2017
Project Manager
   - Managed translation projects from client handoff to final delivery for market research firms

Max Planck Institute for Evolutionary Anthropology (MPI-EVA) | Leipzig, Germany   August 2013 – December 2015
Field Site Manager
   - Managed temporary field site for chimpanzee research in GEPRENAF zone of northern Côte d'Ivoire as part of MPI-EVA's Pan African Program (comparative study of chimpanzees at 30+ field sites across Africa)
   - Responsible for all data collection, logistics, team management, and accounting for entire 15-month study
   - Extensive use of handheld GPS, GIS software, and Excel
   - Coauthored "Chimpanzee accumulative stone throwing" (manuscript published in Scientific Reports, https://www.nature.com/articles/srep22219)

PROJECTS

All source code available on GitHub: https://github.com/alextickle
breakfast-club-graphql-redux - React app built by team Empty String as final project at LEARN Academy, helps users organize weekly breakfast meetups. Rewritten with GraphQL and React-Apollo/Redux frontend.
zoohack – Node app built by team Local Rangers during Zoohackathon 2017, won first prize. SMS system to allow Costa Ricans to contribute data to researchers protecting endangered birds in areas with poor telecom infrastructure.
java_III_InventoryApp – Java inventory management application with both GUI and command line views to demonstrate MVC architecture. GUI built using Swing components. Data persisted into database using JDBC and PostgreSQL.

EDUCATION

LEARN Academy | San Diego, CA   March 2017 – June 2017
JavaScript full stack JavaScript web development boot camp – Node, Express, React, PostgreSQL
UC San Diego Extension | San Diego, CA   July 2016 – September 2017
Java Programming Certificate Program (GPA = 4.0/4.0)
University of Pennsylvania | Philadelphia, PA   2009 –2013
Bachelor of Arts in Anthropology (GPA = 3.75/4.0)