Austin, TX
617-249-7354
fyangani@gmail.com

Festus Kiprop

linkedin.com/in/festuskipropy
medium.com/@yanganif
github.com/yangani
festus.me

TECHNICAL SKILLS

Strong: JavaScript, Node/Express, React, Angular, Git, HTML5, jQuery, CSS3, Unit Testing, AJAX, RESTful APIs, MongoDB, ES6
Experienced: SQL (MySQL, PostgreSQL), D3, ArcGIS, Mithril, Mocha/Chai, Bootstrap, Backbone.js, Webpack, Grunt, Babel

PROJECT EXPERIENCE

Tidal-Flux | Full Stack Engineer   **tidal-flux.pw**
Browser based version of the rhythm game Dance Dance Revolution
- Designed and build the entire back-end API using Node/Express and MongoDB to store user information
- Implemented persistent session storage and client side data storage to boost app performance speed
- Wrote unit tests using Mocha/Chai to enable test driven development, by automating tests, thereby save development time

City Quest | Full Stack Engineer   **cityquest.herokuapp.com**
Inherited web app for users looking for adventures in a chosen city
- Enhanced ux/ui rankings and ratings of quests using Bootstrap, and added image uploading feature
- Added rankings and rating feature for specific 'quests' using Angular, Bootstrap, Node and Express
- Integrated Google Maps API to enable autocomplete feature for location search

HouzeSit | Front End Engineer   **houzsit.herokuapp.com**
Uber-like scheduled service that can be used to request home tasks while out of town
- Built a fully functional uber web app with a team of 4 for basic home tasks using Angular, Bootstrap, Express, Node
- Designed and implemented user-profile pages and authentication. Implemented task assigning for users
- Responsible for building and designing entire front-end and UX (Angular, CSS3/Bootstrap, & HTML5)

DoitNow | Full Stack Engineer | Product Owner   **doitnow.herokuapp.com**
A collaborative todo App. Solo project completed within 36-hour deadline
- Created a fully functional collaborative to-do list where tasks could be viewed across multiple users using meteor
- Constructed Mongo database to hold all tasks and designed a front-end for user experience using angular

PROFESSIONAL EXPERIENCE

Research Fellow | MakerSquare, Austin, TX   **2016**
- Mentored 60+ students learning JavaScript and CS fundamentals to reinforce software development concepts
- Conducted technical interviews for prospective MakerSquare candidates, and assisted in the teaching of students
- Extended several of the MakerSquare immersive program's educational technology infrastructure applications
- Hosted code review with students, and assisted students with technical questions during projects

Technical Support | General Motors, Austin, TX   **2015**
- Recommended workflow improvements to increase speed & quality of technical support. Saved my team 5+ hours a day
- Worked under tight deadlines to troubleshoot hardware and software issues for GM vehicle infotainment systems
- Investigated complex end-user's technical issues, and provided timely resolutions without escalating issues

Lateral Flow Production Scientist | EnviroLogix, Portland, ME   **2014 - 2015**
- Collaborated with R&D to facilitate product transfer, pilot production & scale-up production of immunoassay products
- Performed quantitative data processing and reporting to ensure production records documentation is up to date
- Calibrated & maintained lab equipment to ensure it meet required standards. Processed critical reagents according to SOPs

Office Manager-Technology Support | Bates College, Lewiston, ME   **2010 - 2014**
- Trained faculty and students on how to use loaner pool multimedia equipment, and provided technology support
- Managed loaner pool technology equipment, updated equipment inventory database, and loaned the equipment
- Preserved office efficiency by planning and applying systems, layouts, and equipment procurement

EDUCATION

MakerSquare (Hack Reactor Core) | Austin, Texas   **Graduated 2016**
Advanced Software Engineering Immersive

Bates College | Lewiston, ME   **Graduated 2014**
Bachelor of Science in Chemistry; Minor in Geology; Concentrations in Mathematics and Physics
- **Senior Thesis:** Cationic Cyclodextrins as Chiral NMR Solvating Agents
- **Leadership & Awards:** Varsity Athlete, Class Representative, Academic award recipient
- **Courses:** Calculus, Math Abstraction, Linear Algebra, Quantum Chemistry, Statistical Thermodynamics, Mapping & GIS

PERSONAL INTERESTS

I am avid runner with a penchant for writing. Once taught friends to ski without any skiing experience of my own. I am multilingual