

CEO/CTO CEO/CTO CEO/CTO - Enuda Learn LLC Authorized to work in the US for any employer

Work Experience CEO/CTO Enuda Learn LLC 2016 to Present Built Educational Web application using Python, Django, JavaScript, AJAX, HTML, CSS and more. Sole developer responsible for entire lifecycle of enudalearn.com and day-to-day software development and devOp Debugged errors and developed a framework for preventing and handling disruption of service to users Developed a behavioral grading system for in-class behavior, attendance, and more, and integrated the grading system with EngradePro, a professional educational management app Implemented dual-language feature (English and Chinese) Responsible for continuous integration and automation of deployment Integrated with Stripe Payment services Deployed several environments for staging, deployment, and production using technologies including Amazon Beanstalk RDS, EC2, S3, bash scripts, and fabric3 Wrote automated bash scripts for provisioning a server and deployment prior to switching to Elastic Beanstalk Wrote automated bash scripts for handling persistence storage and backups prior to relying on Amazon RDS Integrated a Python IDE third-party API for users to run code in. Created a system of checking the correctness of users' Python code entered into the site Python IDE using unittests. Implemented chat feature where students can send messages to each other and to the teacher. Designed original mockups Hired and managed the designer for the professional mockup and a front-end programmer for the original professional HTML/CSS/JS assets Integrated original HTML/CSS/JS assets into Django app and did all other revisions thereafter Created, filmed, and edited all programming content and videos on website Environment: Python 3.6, Django, Nginx, PostgreSQL, Unicorn, and more.

Designed and implemented all features on the website Freelance Python Developer July 2015 to September 2018 Consulted with several clients about their Business Idea/Web-App Developed and Deployed Mock-ups for Clients Python Developer Enuda Learn LLC - Atlanta, GA July 2016 to February 2017 Created JSON API for a backend for a mobile app Integrated with third party APIs Interacted with several AWS services like S3 and EC2. GoalGit - Atlanta, GA March 2016 to February 2017 Created a Flask social media app where users post their statuses (what they are doing) with a picture and associate it with related Goals and Goal Action Plans. Created a Liking

system where users can like others posts and goals. Utilized JQuery to add interactivity and to make AJAX calls to back-end JSON API. Created a Follow system where users can follow other users and have their posts appear in their stream. Did 100% of the web-design using CSS, Twitter Bootstrap, and JavaScript. Environment: Python 3.4, JavaScript, AJAX, Flask. (Currently being rewritten in Django, using Django Rest Framework to build the API and AngularJS to consume it.)

Information Communication & Technology Member & Trainer Beijing, CN September 2014 to April 2016 Led over 50 training sessions where I trained Africa 2.0 members and non-members on Python and web development. Led training sessions in Mandarin Chinese for local Beijingers teaching them Python. Created training curriculum for operating in Linux, Git, Python, Flask, Django, and front-end web-design (HTML, CSS, JavaScript/JQuery, Bootstrap).

Lawbot - Beijing, CN March 2014 to March 2015 Created a Software Licensing Agreement where users select options and it allows them to generate the full terms and agreement of a software licensing agreement ([lawbot.kaluekalu.com/licensing\\_agreement](http://lawbot.kaluekalu.com/licensing_agreement)). Scraped public websites to create a database of over 3000 legal words. Created an automatic legal term search where users can copy and paste a legal contract or any other legal document and lawbot will automatically find and define all the pertinent legal terms in the document. ([lawbot.kaluekalu.com](http://lawbot.kaluekalu.com)). Created a patent law quiz where Chinese Patent Examiners can register, log in, and be tested on patent law concepts and keep track of their scores ([lawbot.kaluekalu.com/final\\_exam\\_quiz](http://lawbot.kaluekalu.com/final_exam_quiz)). Created a Patent Law resource where Chinese Patent Examiners can be trained on American Patent law ([lawbot.kaluekalu.com/patent\\_law\\_index](http://lawbot.kaluekalu.com/patent_law_index)). Used Python to scrape patent websites to determine who the most prolific patent inventor for a given company is. Environment: Python 2.7, JavaScript, Flask

Education Juris Doctorate in High-Tech Certificate SANTA CLARA UNIVERSITY, School of Law, Santa Clara December 2012 Bachelor of Psychology in English TEXAS TECH UNIVERSITY - Lubbock, TX August 1998

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