TED YAVUZKURT

SOFTWARE DEVELOPER | ASPIRING PRODUCT MANAGER

GitHub: @TedYav **medium:** @TedYav **web:** TedY.io **t:** 814.571 8116 **e:** tdy@duke.edu

Self-motivated developer, computer science major, and aspiring product manager who has been writing code for more than 10 years. Recent graduate. Seeking software engineering job to improve coding skills, learn from great people, and contribute to world class software.

SELECTED WORK & VOLUNTEER EXPERIENCE

UniversalGiving
2016 - Present

Technical Advisor (August 2016 - Present)
· Review Product Development documents. Provide actionable recommendations implemented during rebuild of custom Python, AWS and Node based web application with six figure budget.
· Oversaw, advised junior web developer. Reviewed ReactJS code and made recommendations.

Product Development, Corporate Social Responsibility Intern (June 2016 - August 2016)
· Compiled Product Development research. Prepared feature specifications. Updated PD plans.
· Created dynamic spreadsheets to (1) track PD progress and (2) implement new vetting algorithm combining 16 individual indices with adjustable weights into single composite score.

EvokeOne International Art Group
2005 - Present

Backend Developer (2005 - Present), Site Director (2006 - 2012)
· Developed Node, Express, CouchDB based commemorative website to archive group material.
· Maintained, updated custom LAMP CMS for 100+ artists to submit art/music and communicate.
· Rebuilt legacy system using CakePHP & MVC architecture to support advanced collaboration.

Best Buy
2012 - 2014

Samsung Experience Expert, Microsoft Advisor
· Ranked #2 company wide in computers dept (~10,000 sales reps) for 2014 sales numbers.
· President's Club: 1 of 60 top sales reps in co flown to 2014 Achiever's Conference w/BBY exec team. Provided strategic product guidance to MS, Lenovo & others in small group discussions.

FREELANCE & PERSONAL PROJECTS

Clothing Fitting Algorithm
Python, AWS, BDD (Behave Library)
2016 - 2017

· Implemented custom fitting algorithm for women's clothing startup using Python.
· REST API powered by AWS Lambda & API Gateway. Replaces slow manual sizing process.
· Designed for licensing to 3rd parties to improve long term ROI with additional revenue streams.
· Developed using BDD practices with Behave to support later extension and modification.

Github Lead Tracker
NodeJS, Tape Library
2016 - 2017

· Github lead tracking script and test suite for software company. Script automatically analyzes new registrations, looks up Github profiles, and posts salient information to Slack channel.
· Developed open source, sanitized version on GitHub. Working on release as NPM module.

HadCRUT3 Climate Visualization
Python, Javascript, Mapbox GL
2016

· Interactive visualization of HadCRUT3 land temperature data from 1850-2010.
· Raw data processed into JSON via custom Python script, uploaded to Mapbox for map display.
· Efficiently renders heatmap, temperature anomaly, and raw readings from 2000+ stations.

VOOGASalad: Game System
Java, JavaFX, PHP
2015

· 4 part game system composed of Game Player, Level Editor, Engine, and Data System.
· Wrote game player, PHP cloud utility to store high scores, and abstracted resource management system shared by game player and level editor. School project.

Other Projects
NodeJS, Swift, PHP, AWS, Java

· Personal site on AWS. PHP registration system for conference. PHP listing system for real estate agency. PHP giftcard system for wellness co. iOS app to relieve tinnitus (planning stage).

EDUCATION

Duke University: B.A. 2016
Majors: Computer Science, Public Policy
CS Major GPA: 3.75

Courses: Software Design & Implementation, Algorithm Design & Analysis, Discrete Math, Honors Linear Algebra, Computer Hardware, Operating Systems, Big Data Analysis, Artificial Intelligence.
Organizations: Duke Chronicle (Columnist), DukeEngage (Individual Project), Entrepreneurial Leadership Initiative, Duke I&E, Design to Impact Incubator, Leadership Roundtable.

HONORS

TedXDuke
Duke University Winter Forum
Dean's List With Distinction

2016 Student Speaker. Topic: *Stories We Tell Ourselves.*
2016 Innovation Challenge Winner. Developed plan for educational social enterprise.
Spring & Fall 2015. Spring 2016. Awarded to top 10% of Duke Trinity College undergraduates.

SKILLS

Javascript & NodeJS	Agile & TDD
Product Development	Java
Python	C++
Algorithms	Swift

INTERESTS: Social Entrepreneurship, CSR, Design, Behavioral Economics, DJing, Music Production, Piano, Photography, Meditation.