KARTHIK KASALA

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WORK EXPERIENCE

Versus.live, Final Project | Oct 2015 – November 2015
The Iron Yard – Durham Campus | Durham, NC
- Created a web app that can create brackets for a wide degree of competitors on-the-fly at a variety of venues.

Assistant State Auditor, Financial Audit Division | June 2014 –November 2015
NC Office of the State Auditor | Raleigh, NC
- Conducted interviews of government employees and documented departmental processes and procedures.
- Performed audits and assessments on functions, processes, and general controls related to and conformance with laws, rules and regulations pertaining to OMB-A133 for DOT's CAFR for Formula Grants for Rural Areas and Federal Transit.

Graduate Assistant, Information Systems & Mgmt Dept., | August 2012 –October 2013
University of North Carolina at Wilmington | Wilmington, NC
- Collected data on U.S. college business major requirements for the Cameron School of Business and sister schools.
- Performed research on hypothetical manufacturing costs based on several years' worth of student input.

Tutor – Accounting and Chemistry | June 2011 – June 2012
Self-Employed | Wilmington, NC
- Transformed complex chemistry, organic chemistry, and accounting concepts, ideas, and theories, and explained them to six students weekly using study plans, mnemonic devices, and practice problems.

Lab Technician – Genome Sciences | Summers 2006 & 2007
Duke University | Durham, NC
- Performed RNA extractions and DNA polymerase arrays.
- Followed proper procedure in order to consistently and accurately maintain contaminant-free lung cancer cell lines.

EDUCATIONAL EXPERIENCE

Back-end Engineering, Data Science & Django - Python | Graduated November 2015
The Iron Yard, Cohort 5 | Durham, NC

- Spent 60 - 85 hours a week learning and implementing data science / web development technologies in back-end focused projects over a twelve week period.

Master of Science (M.S.), Accountancy | Graduated July 2013
University of North Carolina at Wilmington | Wilmington, NC

- **GPA:** 3.7
- **GMAT:** 720

Bachelor of Science (B.S.), Economics | Graduated July 2009
East Carolina University | Greenville, NC

VOLUNTEER EXPERIENCE

U.N.C.W. Aquaculture Program, *Cost Accountant* | October 2012 – May 2013
- Determined the essential costs for breeding black sea bass and southern flounder in artificial environments.
- Analyzed and calculated facility, feeding, labor, and maintenance costs.
- Valued fish at different growth stages and analyzed the sustainability of operations under current conditions, creating an Excel spreadsheet with pivot tables and conditional formatting.

CERTIFICATION & PROFICIENCIES

Software Skills
- **Web and API Design:** Django REST framework, Bourbon framework, CSS3, HTML5, JavaScript, JQuery, Heroku
- **Database:** Designed and implemented with SQLite and PostgreSQL
- **Data Science:** Manipulation of data using third party libraries such as Matplotlib, Numpy, pandas, and D3
- **Version control:** Used Git and GitHub to always have a MVP of projects
- **Agile methodology:** used Waffle.io for milestone sprints and keeping track of issues, bugs, and fixes

CPA Candidate