

Tucker Wash

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github.com/washt

www.washt.xyz

EXPERIENCE

Homes.com – Norfolk, VA *Full Stack Software Developer*

Aug 2016 - Present

- Backend POC for inbound critical hotfixes
- Scripted the capture and resending of approximately 15,000 leads lost in a system crash
- Patched memory leaks in one of our dependencies, improving overall downtime

Broker Search

- Designed and implemented specialized search functionality for broker customers
- Improved response time by optimizing SQL queries

Ad Delivery

- Fixed issues with ad delivery by writing automated scripts to push messages into RabbitMQ and update ad server in elasticsearch
- Implemented fuzzy address search on our landing page, improving CTR by 15%
- Built the services to sync user accounts between our systems and third party service, Curbside

The Franklin Johnston Group – Virginia Beach, VA *Software Developer Intern*

Dec 2014 - Aug 2016

- Build middleware api's and automation scripts to integrate our utility, accounting, and property management software
- Build dashboard S.P.A.s to replace our traditional paper-based reporting with Node.js, React, and D3
- Perform Database Administration for our property management system, MRI
- Perform System Administration for all linux boxes

SKILLS

Software Design

Web Development

Scripting/Automation

Database Management

TOOLS

Languages

Javascript, Python, SQL,
Bash, Groovy, C++, Java

Libraries/Frameworks

Node.js, Angular 1.x,
React.js, RabbitMQ, Docker,
Flexbox, OpenCV, Numpy,
SciPy, Tensorflow

Persistence

MSSQL, MongoDB, Oracle,
Postgresql

Search

Elasticsearch, Solr

Workflow

Vi, webpack, npm, Postman,
atom, watchexec, gnu
coreutils

AWARDS

**3rd Place – Hack to Help
Hampton Roads**
Team InSeason

Computer Vision Lab - ODU, Norfolk, VA
Research Assistant

May 2015 - May 2016

- Implemented face segmentation on a humanoid robot with OpenCV and python
- Implemented a face recognition system for deployment on robots with a grad student's neural network, Octave, and Python

EDUCATION

Old Dominion University, Norfolk, VA
B.S. Computer Science

2014 - 2016

Publications:

**Deep SRN for robust object recognition:
A case study with NAO humanoid robot**

IEEE SoutheastCon 2016

M. Alam ; Vision Lab at Department of Electrical and Computer Engineering, Old Dominion University, Norfolk, VA 23529, United States of America ; L. Vidyaratne ; T. Wash ; K. M. Iftekharuddin