Yuriy Minin

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EDUCATION

University of Texas at Austin

B.S. Electrical and Computer Engineering - Engineering Honors 2014-2018

Relevant Coursework: Embedded Systems, Data Structures, Algorithms, Web Software Lab, Computer Architecture

EXPERIENCE

Precocity LLC - Consulting Intern

Dallas, TX — Summer 2016

Neiman Marcus
- Modernized cloud deployment system for web applications with automated server provisioning.
- Developed and pitched a PoC for a microservices restructure for the existing web-stack.

Thomson Reuters
- Led a team to refactor an existing internal feedback tool for tax and accounting.
- Restructured existing API endpoints, implemented Domain Driven Design principles, and migrated front-end from JSP to Angular. *Java*

Rice University - Research Assistant, Mechatronics and Haptic Interfaces Lab

Houston, TX — Summer 2014

- Worked with graduate students on an exoskeletal arm for rehabilitation of spinal cord injury patients.
- Responsible for an independent project of a self-balancing inverted pendulum differential circuit.
- Developed force-sensor circuitry within hand grip, as well as data input streams.

ORGANIZATIONS

Freetail Hackers

Co-Lead Director 2016-present, Logistics Organizer 2015-2016
- Responsible for administration and departmental relations along with recruitment and team oversight.

IEEE UT Student Branch

Activities and Events Officer, 2016-2017
- Arranged public events for the branch such as student socials and general meetings.

PROJECTS

- **Hackathons**
  - **IoT Door Lock/iOS Application (2nd):** Developed IoT door lock along with web API to access lock servo powered by a raspberry pi along with an iOS application to approve or deny lock calls. Used facial recognition to identify person at your door. *Python/Swift*
  - **Kanye Nest (2nd):** Modified Nest thermostat and Leap motion sensor to act as a DJ turntable, speeding up and slowing down music played through a web interface. *Javascript*
  - **ScrumSync (Top 10):** Developed web interface to upload photos of physical scrum board which would use computer vision to annotate the image and reconcile a digital scrum board on Jira. *Java/Angular*

- **Startup Concept:** Winner of University of Alabama in Huntsville's week-long entrepreneurship challenge, offered membership in year-long startup program and $150,000 in funding.