OMER BALDO

SOFTWARE ENGINEER

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Skills

NON-TECHNICAL

Arabic

CPR / First Aid Certification

USER INTERFACE (VIEW):

HTML/CSS

FXML/XML

PROGRAMMING LANGUAGES (CONTROLLER):

Python

Java

C

Scheme

JavaScript

Matlab

DATABASES/BACKENDS (MODEL):

ElasticSearch

SQL

Datalog

XML

Mongodb

CODE ACADEMY

JavaScript & JQuery

ReactJS

Git

API'S/SDK'S/FRAMEWORKS

Google WebRTC

G-Streamer

Java FX

Django

Android Studio

INFRASTRUCTURE

AWS

Education

Rutgers University New Brunswick
B.S. Computer Science 2017
GPA: 3.6
•Rutgers Academic Excellence Award: Given to Rutger's Class of 2017 top 10%.
•John A. Van Der Poel Scholarship: focused on STEM majors
•Grossman-Alan H. Scholarship: created to help increase diversity in STEM
•Plofker Family Endowed Scholarship: awarded to students in good academic standing

Employment

Laboratory for Computer Science Research   Rutgers University
Research Assistant   Sep 2015 to May 2016
Converted and combined H-264 pixels from a quadruple set of Logitech C920 cameras, located in a classroom, to a video browser so that a group of absent students could still access the course. Responsibilities included:
  • Networking : STUN/TURN NAT Traversal, Signaling, RTP Protocol, UDP & TCP
  • Video Conversion: G-Streamer, Bitstream Parsing, Muxing, Codecs
  • Web Programming: Google's JavaScript WebRTC API
  • Presentations: Rutger's Undergraduate Research Symposium, Rutgers Honors College's SLAM Event
    • Symposium Poster(goo.gl/eHZwt2)

ID Tech Camps   Seton Hall University
Instructor   May 2016 to Aug 2016
Taught eight high school students weekly on video game programming in Scratch, Python, and Java. Job Functions included:
  • Created lesson plans, syntax guides & sample games
  • Conducted weekly performance appraisals with parents
  • Dealt with human relations and student welfare

Projects

sulimanbaldo.com   Dec 2016 to Current
Created my father/Human Right UN Expert a Django powered website so that he could share his work in human right conflicts in Sub Saharan Africa. Read and executed UC Berkley's publication "The UNIX TimeSharing Machine System" so that the site could host a file system. Now I am trying to overcome the problem of how to thwart attacks on the website from foreign agents.

"Political" Chess   Sep 2016 to Dec 2016
Android App where you play as the Republican or Democrat party to win the election ! (get checkmate)

Activities

Rutgers Rugby Club · Wing   Sep 2015 to Current
Player & Treasurer for the Rutgers Rugby Club. Was the first treasurer to use Matlab for regression analysis of past spending patterns.

Rutgers Arab Club · Member / Rutgers Day Organizer   Sep 2016 to Current
Helped plan the Arabic Department's table at the Rutgers Day Parade.
• Publicly spoke to at least 300 locals about Arabic culture and linguistics.
• Helped set up decorations, food, and music.