

OMER BALDO

SOFTWARE ENGINEER

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Skills

NON-TECHNICAL

Arabic
CPR / First Aid Certification

USER INTERFACE (VIEW):

HTML 5
CSS
FXML
XML

PROGRAMMING LANGUAGES (CONTROLLER):

Python
Java
C
Scheme
JavaScript

DATABASES/BACKENDS (MODEL):

ElasticSearch

API'S/SDK'S/Frameworks

Google WebRTC
G-Streamer
Java FX
Django
Android Studio

CODE ACADEMY

JavaScript & JQuery
SaaS
ReactJS
Git

Activities

Rutgers Rugby Club
· Wing Sep 2015
to Current

Player for Rutgers
Rugby Club. Have been
invited to KeyStone
Conference
Championship game.

Education

Rutgers University New Brunswick
B.S. Computer Science 2017
GPA: 3.703

Relevant Courses: Software Methodology, Systems Programming, Programming Languages, Information Technology, Computer Architecture, Algorithms, Discrete Structures, Linear Algebra, Data Structures, Operating Systems, Linear Optimization, Principals of Information Management, Numerical Analysis

Employment

Laboratory for Computer Science Research
Research Assistant Rutgers University
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
Instructor Seton Hall University
May 2016 to Aug 2016

Taught eight high school students weekly on video game programming in Scratch, Python, and Java. Responsibilities included:

- Learning Libraries: Java GUI, Python Pygame, Java Processing
- Teaching Material: Lesson plans, syntax guides, sample games

Projects

RU-Notes Jan 2017 to Current
Done with a team of four implementing Django Web Framework, and Amazon's EBS services. Ongoing app allows students to create, retrieve, upload and delete notes from class. Currently responsible for queries, through elastic search, and extending the Django All-Auth user object.

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

Space Invaders Jun 2016 to Jun 2016
Pygame, where a player avoids astroid which progressively gets faster.

Awards

Rutgers University Chancellor · Rutgers Academic Excellence Award Mar 2015
Award given to Rutger's Class of 2017 academic top 10%.

Rutgers University Dean of School of Arts and Science · Deans List

Rutgers University Dean of School of Arts and Science · John A. Van Der Poel Scholarship Dec 2014

Rutgers University Dean of School of Arts and Science · Grossman-Alan H. Scholarship Mar 2016