

# Ze'ev Lailari

lailari.me  
lailariz@wustl.edu | (402)216-9388

## EDUCATION

### WASHINGTON UNIVERSITY IN ST. LOUIS (WUSTL)

BS, MAJOR IN COMPUTER SCIENCE  
MINOR IN MATHEMATICS  
Expected Dec 2014 | St. Louis, MO  
Cum. GPA: 3.51 / 4.0

### GEORGE MASON HIGH SCHOOL

Grad. May 2012 | Falls Church, VA  
International Baccalaureate Diploma

## COURSEWORK

### CURRENT

Machine Learning  
Number Theory and Cryptography  
Operating Systems  
Multi-Agent Systems

### PAST FAVORITES

Computer Networks  
Back-end Web Development  
Computer Security  
Systems Software

## SKILLS

### PROGRAMMING

Proficient:

Java

Experienced:

Python • JavaScript/Node.js • Android

Familiar:

HTML/CSS • PHP • SQL • C/C++ •

Assembly • VHDL

Some samples at [github.com/zevlailari](https://github.com/zevlailari)

## ACTIVITIES

### STUDENT GROUPS

President - Institute of Electrical and  
Electronics Engineers (IEEE)

Planned the annual budget to fit project  
requirements and trajectories

Member - Association for Computing  
Machinery (ACM)

Member - Contra, Men's Ultimate  
Frisbee

## EXPERIENCE

### OFFICE OF SUSTAINABILITY, WUSTL | ALTERNATIVE TRANSPORTATION INTERN

Aug 2014 – Dec 2014 | St. Louis, MO

- Developed passive bike and pedestrian counters using microcontrollers and sensors

### KNOWLEDGE BRIDGE INTERNATIONAL | SOFTWARE ENGINEERING INTERN

May 2014 – Aug 2014 | Reston, VA

- Developed over twenty components for a drag and drop Android prototyping environment
- Worked with SQLite, Amazon SNS and SQS, sensors, and GPS in the mobile environment

### DEPARTMENT OF COMPUTER SCIENCE, WUSTL | TEACHING ASSISTANT

May 2013 – Aug 2013 | Mountain View, CA

- Explained fundamental CS concepts in a small group setting
- Guided pair-programming groups through exercises and lab assignments

## RESEARCH

### APPLIED RESEARCH LAB, WUSTL | RESEARCH ASSISTANT

Jan 2015 – Present | St. Louis, MO

Working on developing a replica of the NDN (Named Data Networking) test bed on the Open Networking Lab in order to run experiments locally, avoiding the costly and time-consuming process of deploying on AWS or a similar service

## PROJECTS

### STICK.GG

- Online multiplayer game using Node.js, Socket.io, SQL, and HTML5 Canvas
- Coming soon at [Stick.GG](https://stick.gg)

### HEARTH

- Developed a device to monitor infants temperature, triggering alerts and adjusting the home thermostat if temperature leaves a designated range
- Created our server (using Flask), pulling data from the Spark Cloud and making it available for the connected iOS app

## AWARDS

2014	Finalist	GlobalHack
2013	Scholarship	Boeing Scholar
2012	Scholarship	SAIC National Merit Scholar
2012	Program	Virginia Aerospace Science and Technology Scholar