

# LIEZL PUZON

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## EXPERIENCE

Proficient in: C#, Python, Java, Visual Studio, Eclipse, Kinect API, Unity, Android API

Corpus Writer for Natural Language Processing at iSoftStone, Inc. (Summer 2013)

- Wrote workflows for audio command-based phone applications and did quality control for natural language processing.

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## EDUCATION

Ranked 1<sup>st</sup> of 416 in Freehold High School senior class

GPA: 4.0/4.0 **unweighted**

Projected College: **Princeton University Class of 2018** (Accepted through Early Action)

Rutgers Governor's School of Engineering and Technology (Summer 2013)

- **Dynawheel Stroke Rehabilitation with Android Applications**
- Developed and tested Android apps with patients at the JFK Rehabilitation Clinic.
- Relevant Courses: Computational Methods in Engineering, 3D Printing, Robotics

Columbia University (2012 - present)

- Number Theory; Genetics and Biodiversity Conservation; Neuroscience

AP Computer Science	<b>5</b>	AP English Language	<b>5</b>	ACT (Composite)	<b>36</b>
AP Statistics	<b>5</b>	AP US History	<b>5</b>		
AP Calculus BC	<b>5</b>				
AB subscore	<b>5</b>	SAT II Math 2	<b>800</b>		
AP Biology	<b>5</b>	SAT II Chemistry	<b>800</b>		
AP Chemistry	<b>5</b>				

### Brookdale Community College

2012 Spring Semester (6 credits)

COMP 171 (Programming I) **A**

COMP 126 (Computer Logic and Design) **A**

### Rutgers University

2012 Summer Session (6 credits)

Public Speaking **A**

Expository Writing **B**

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## PROJECTS

Research Project (2013-2014): Kinect Electronic Travel Aid for the Visually Impaired

- Individually created a cost-effective wearable Kinect device to help the visually impaired navigate.
- 2014 Intel Science Talent Search Semifinalist
- Skills used: research writing, technical writing, statistics, C#, Visual Studio, Kinect API

Sahana Software Foundation (Sahana Eden Web Development)

- Open source disaster canvassing tool for Tropical Storm Sandy recovery.
- Skills used: Git, Python web development, SQL and database abstraction, JavaScript

Google Code-In 2012 **Grand Prize Winner** (International Winner)

- Collaborated Sahana Software Foundation, to work on Sahana Eden, a free web-based disaster management system coded in Python

HackRU Fall 2013 (Rutgers University) **2<sup>nd</sup> Place Overall**

- Quick-Tron: quick, cost-effective multiple choice scanner
- Technologies used: Android API, Eclipse, OpenCV, SQLite, SendGrid API

PennApps Fall 2013 (University of Pennsylvania)

- Technologies used: Android API, Java, OpenCV (computer vision), real-time facial detection