

# Rangaraj Tirumala

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## Work Experience

### **Internship: Sparta Systems**

May – August 2016

*Refactored 15 year old java codebase*

*Re-designed front end of web-app with new UX using less and HTML*

### **Mentor for East Brunswick High School Robotics Team**

March 2016 – Present

*Lead formation of new FIRST robotics team to compete in rookie season in 2017*

### **Dance Instructor/Graphic Designer: Nrithyanjali School of Dance**

August 2012 – Present

*Performing artist and instructor for young aspiring Bharatanatyam students*

*Design advertising/marketing material for company productions and performances*

### **Internship: Nibbly/Worldview**

June – August 2015

*Developed and designed Android App for tech startup*

### **Photographer/Videographer: Nrithyanjali Institute of Dance**

July – August 2015

*Recorded and Edited Bharatanatyam Arangetram (dance recital) videos*

### **Research Internship: Stevens Institute of Technology**

June – August 2014

*Worked in mechanical engineering lab to develop autonomous 3D scanner*

## Education

### **Rutgers University New Brunswick**

Class of 2019

*Expected B.A. in Cognitive Science and Philosophy*

*Expected Minor in Entrepreneurship*

### **North Brunswick Township High School**

Class of 2015

## Skills

### **Computer Languages/Frameworks/Technologies**

*Java, CSS, Less, HTML, XML, Android*

### **Computer Software**

*Adobe Photoshop, Adobe Premiere, Solidworks, Android Studio, IntelliJ*

### **Teaching**

*Bharatanatyam Educator*

### **Languages**

*English (fluent), Tamil (spoken)*

## Accolades and Projects

### **Runner-Up of Best FOSS Hack**

Brick Hack 2

*Developed Fitness tracking app and game that used real life data to effect in game stats*

### **Google API Award**

Hack RU Fall 2015

*AiFred: Hardware Hack of coffee machine to work with custom app*

### **Make Slack Great Again**

Penn Apps Fall 2016

*Created a generic chat bot that can take on the qualities of anyone (we made President*

*Trump)*

*References furnished upon request*