

Rangaraj Tirumala

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New Brunswick, NJ

Education:

Rutgers University New Brunswick

Class of 2019

*B.A. in Cognitive Science and Philosophy
Minor in Entrepreneurship*

Work Experience:

Research Assistant – Rutgers University Center for Cognitive Science (RUCCS)

January – Present

*Creating ibex based app to conduct linguistics study in Python
Assisted in conducting lab study with participants
Work closely with leading experimental linguist Dr. Kristen Syrett to implement study*

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
Created and Implemented curriculum to teach new and experienced students from ages 5 - 17*

Software Engineering Internship – Sparta Systems

May – August 2016

*Refactored 15 year old java codebase to adjust for front-end redesign
Updated CSS codebase into LESS
Re-designed and implemented front end of product with new UX using LESS and HTML
Gained experience as a scrum team member and leading daily standup*

Software Engineering Internship – Nibbly/Worldview

June – August 2015

*Developed and designed Android App for tech startup
Actively participated in a remote scrum team*

Photographer/Videographer – Nrithyanjali Institute of Dance

July – August 2015

Recorded and Edited Bharatanatyam Arangetram (dance recital) videos

Accolades and Projects:

Virtualoso

Hack RU Fall 2017

*Built virtual reality MIDI keyboard with Oculus Rift to play music and modulate sounds
Allowed users to interact with world using their own hands with the help of the leap motion
Helped us learn Unity and was developed on the Oculus Rift*

IRMA – Instant Relief and Medical Attention

PennApps Fall 2017

*Crowdsourced solution to connect first responders to Hurricane victims
Developed with Twilio based SMS service and MongoDB database*

Loch Ness Platform

PennApps Spring 2017

*Internet of Things (IoT) platform
Designed & 3D printed bolt lock with IOT control*

Google API Award – Aifred

Hack RU Fall 2015

*Wanted to wake up to the smell of fresh coffee in the morning!
Used Arduino with relay to hack "Mr. Coffee" machine
Developed companion android app to ring alarm and trigger coffee maker*

Skills:

Computer Languages / Frameworks / Technologies

Java, CSS, Less, HTML, XML, Android, Python, Scala, MongoDB, Twillio

Computer Software / Design Tools

Adobe XD, Illustrator, Photoshop, Premiere, Solidworks, Android Studio, IntelliJ

Languages

English (fluent), Tamil (spoken)

References furnished upon request