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New Brunswick, NJ

Education:

**Rutgers University New Brunswick** Class of 2019

*B.A. in Cognitive Science and Philosophy (focus on Computer Science)*

*Minor in Entrepreneurship*

Work Experience:

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

*Created program with NLTK in Python to find instances of wh-words in large corpus of language*

*Work closely with leading experimental linguist Dr. Kristen Syrett to design tool*

**Dance Instructor/Graphic Designer – Nrithya­­­­njali School of Dance** Aug 2012 – Pres

*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 – Aug 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** Jun – Aug 2015

*Developed and designed Android App for tech startup*

*Actively participated in a remote scrum team*

**Photographer/Videographer – Nrithyanjali Institute of Dance** Jul – Aug 2015

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

Accolades and Projects:

**Facebook API Award – SXSetFinder** SXSW Hackathon 2018

*Developed FB Messenger based platform to help SXSW attendees find artists they will like*

*based on their Spotify preferences*.

*Designed front end UI and built python back end for application*

**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*

**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, Python, Scala, JavaScript, HTML, CSS, Less, Android, XML, MongoDB, Twillio, NLTK*

**Computer Software / Design Tools**

*Intellij, Sketch, Adobe Suite, Microsoft Office, Solidworks*

**Languages**

*English (fluent), Tamil (spoken)*