Ajay Kirtikar

Improve human lives with technology

Education

August 2017 - May 2021	**The Ohio State University**	**Columbus, OH**

Bachelor of Science, Computer Science and Engineering
Specialization in Artificial Intelligence
Honors: National Buckeye Scholarship, Merit Based, Annual Award

Experience

June 2020 - August 2020	**JP Morgan Chase**	**Columbus, OH**

Software Engineer Intern
- Built a React Native IOS and Android application for Drugs Free Clubs of America
- Performed rapid prototyping using Agile Kanban delivery process in under five weeks
- Conducted requirement gathering sessions with business stakeholders, created visual designs with Balsamiq, held daily standups with manager and advisor, and incorporated real time feedback to build the prototype
- Presented final design review with senior stakeholders
- Used Bitbucket and Git to commit, review, and deploy code
- Planned, collaborated, and managed delivery leveraging JIRA and Confluence
- Completed weekly module activities regarding rest APIs and web development

May 2019 - October 2019	**Online Computer Library Center, OCLC**	**Dublin, OH**

Infrastructure Intern
- Created a macro using Auto Hotkey and Python to read roles/permissions within a product named Wise reducing labor costs by $10,000
- Performed disk checks, file restores, OS imaging, automation and replacements on Hadoop big data clusters preventing permanent shutdowns
- Built an automated Python script with Selenium imports to order hardware replacement parts saving $25,000 in labor per year

May 2018 - June 2018	**Artelus**	**Dubai, UAE & Bangalore, India**

Intern
- Presented three roadshows for an audience of 100+ from UAE hospitals and Government officials in Deira, Dubai alongside the co-founders
- Reviewed Python Artificial Intelligence APIs with the development team
- Built an image recognition Android application using Google TensorFlow

Additional Projects

June 2020 — **AI Rap Bot: Python Application**
- Generates unique lyrics from preexisting Rappers
- Developed Recurrence Neural Networks with classification of words in Python
- Created a lyric scraper to gather lyrics from any artist on lyrics.com and process into trainable data
- Used TensorFlow APIs to integrate training
- Designed lyric output based on rhyme scheme and sonnet style phrases

August 2019 — **Cloud Storage Raspberry Pi**
- Add and remove files via cloud storage
- Configured DietPi OS and features using Linux
- Created custom digital mounts to connect to external hard drive

August 2018 — **Butterfield Preserve Park District: Website**
- Developed a website for an organization that raises funds for the renovations of a local park district of over 1000 people

August 2018 — **237 Signatures, an eCommerce Business: Consumer Digital Shop**
- Designed and built an eCommerce website on Shopify
- Improved product pricing, promotion, and fulfillment processes integrating 237 Signatures with AliExpress and other APIs

September 2014 — **Pathway! IOS Game: Arcade Game**
- Constructed game concept and self-taught Objective C to develop app with unique designs, music, and interface
- Promoted app through advertising on Facebook and Instagram

Personal Info

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Skills

Java
Python
C
C#
JavaScript
React
HTML5
CSS
Ruby on Rails
Git/Bitbucket
JIRA
Confluence
IntelliJ
Visual Studio
XCode
Android Studio
Google Collab
MATLAB
SolidWorks

Involvement

Phi Gamma Delta
   -Recruitment Chair

Languages

English
French

Volunteering

Habitat for Humanity
Jack Attack Bocce Ball
OWL-Ohio State Move-in Day

Interests