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 lyrics of 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
Git/Bitbucket
JIRA
Confluence
IntelliJ
Visual Studio
XCode
Android Studio
Google Collab
MATLAB
SolidWorks
Microsoft Office

Involvement

Phi Gamma Delta
        Recruitment Chair

Languages

English
French

Volunteering

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

Interests

Music
Traveling
Movies
Tennis