

Divyajyoti Ukirde

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EDUCATION

University of Florida

Master of Science : Computer Science

Gainesville, FL

08/2022 – 05/2024

- GPA: 3.94/4.0
- Relevant coursework: Computer & Network Security, Malware Reverse Engineering
- **Collaborated with Dr. Patrick Traynor** on Reproducibility Study of Machine Learning Papers in Tier 1 Security Conferences

University of Pune, Pune Institute of Computer Technology

Bachelor of Engineering : Computer Engineering

Pune, India

08/2016 – 06/2020

- GPA: 9.1/10.0

TECHNICAL SKILLS

Languages: Python, Javascript, Erlang, C++, Java, HTML, CSS

Frameworks/Libraries: React.js, Nuxt.js, Node.js, Tailwind CSS, jQuery, Webpack, Ajax

Developer Tools: Notion, VSCode, git, Linux/Unix Systems

Reverse Engineering Tools: Ghidra, x32dbg, PEStudio, regshot, Process Monitor, FTKImager, Volatility

EXPERIENCE

Programmer (Intern)

HHMI Biointeractive

05/2023 – 08/2023

Chevy Chase, MD

- Implemented version control on Github for **3+ versions** of the Model Builder interactive tool and established a staging environment on Netlify.
- Resolved grading algorithm issues and touchscreen bugs in the interactive models, improving overall functionality, accessibility and user experience.
- Demonstrated great understanding of **Redux state/actions** and leveraged **advanced Javascript** concepts to decouple 2 interactive models into 3 distinct types with component reusability in ReactJS.

Senior Software Engineer

PLG Works - True Sparrow

05/2022 – 08/2022

Pune, India

- Crafted boilerplate templates for **5 different frameworks/libraries**, successfully built and deployed **3 secure and responsive websites**.
- Created and launched 'Slackmin' product, garnering **500+ votes** and being featured on Product Hunt.
- Trained and guided **3+ junior developers**.

Software Engineer

Moxie - True Sparrow

05/2020 – 04/2022

Pune, India

- Developed features like the marketplace, on-demand videos, and payment for the virtual fitness platform with notable success in delivering the projects on time, attracting **100+ solo entrepreneurs**.
- Conducted interviews of **5+ candidates** for frontend roles.
- Designed an architecture for the discovery of virtual classes, implementing **10+ filters** and slashing **development time by 3x**.

Engineering Intern

OST - Open Simple Token

01/2020 – 04/2020

Pune, India

- Leveraged JavaScript OOP principles to develop wrapper programs for OpenST's Browser Wallet SDK.
- Created **3 levels of security** for user API and session key management in the browser.

PROJECTS

Do Your Homework | *GPU, Anaconda, Python, ML libraries*

- Analysis and Reproducibility Study of Machine Learning Papers in Tier 1 Security Conferences
- Analyzed **300+ research papers** from leading security conferences.

Slackmin | *Node.js, Slack API*

- Slack tool for Business Ops (**Won #1 Product of the Day** on Product Hunt)
- Optimized integration, reducing development time and company costs for dashboards and CRM-like tools.

Swift Transfer | *Android SDK, Firebase, Pokt Android SDK*

- An E-wallet based on Pokt Blockchain for making international transactions faster and cheaper
- Secured position among **top 10 finalists** in Devfolio hackathon

AWARDS

AWS AI & ML Scholarship Program

06/2023

AI Programming with Python Nanodegree

- AWS has sponsored enrollment in Udacity's AI Programming with Python Nanodegree program

COMMUNITY & LEADERSHIP

Mentor

01/2021 – 05/2021

The Apprentice Project

Pune, India

- Taught Scratch (block programming language) to **20+ high school students** from underprivileged backgrounds.
- Attained a **100% student certification rate**.

Head of Partnerships

02/2018 – 02/2019

TEDxPICKT

Pune, India

- Successfully secured sponsorship from **5+ event sponsors**, demonstrating effective leadership.