

# Akshit Talwar

<http://akshittalwar.com>

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Mobile : 

## ABOUT ME

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- **Languages:** English, Hindi, Swift, Python, Java, Javascript, C++, SQL, PHP, HTML
- **Technologies:** Github, Figma, Xcode, AWS, Unix, Firebase, Final Cut Pro, Illustrator, Photoshop, L<sup>A</sup>T<sub>E</sub>X
- **Interests:** Bitcoin, cryptocurrencies, writing, art, psychology, philosophy, photography, yoga, meditation

## EDUCATION

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### University of St. Andrews

*Bachelor of Science (Hons) in Computer Science; Direct 2<sup>nd</sup> Year Entry; Result: 2:1*

St. Andrews, Scotland

*Aug. 2014 – June. 2017*

### Bluebells School International

*CBSE Physics, Chemistry, Math, English & Computer Science; Result: 93%*

Delhi, India

*April 2008 – May 2014*

## EXPERIENCE

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### Graphy

*Product Manager, iOS Engineer*

Bengaluru, India

*June 2020 - October 2021*

- **Product management:** Strategized and executed products like the Live experience player and Slack-like community chat. Developed GTM strategies and increased feature usage by 11%
- **iOS app:** Developed an iOS app in Swift. Served 10,000+ MAUs. Wrote custom algorithms using bezier curves.
- **Website:** <https://graphy.com>

### Futurecam

*Software Engineering Consultant*

Bengaluru, India

*May 2019 - Present*

- **iOS App:** Developed a computational algorithms for modes like Light Painting and Long Exposure.
- **Work:** iOS App Development, UI/UX, product management, and marketing.
- **Download:** <https://futurecam.app>

### Cryptare - Crypto Portfolio

*Founder; iOS Engineer*

Delhi, India

*July 2017 - Aug. 2018*

- **iOS App:** Developed an investment portfolio management app for Cryptocurrencies with price alerts and news.
- **Responsibilities:** App development, backend, UI/UX, product management, and marketing.
- **Achievements:** Rank 6 on iOS app store paid chart; 500+ weekly users; 50+ active subscriptions at peak
- **Stack:** Swift, Firebase, Python, AWS, HTML, CSS, Photoshop

## PERSONAL PROJECTS

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- **Mu:** Music discovery web-app using content aggregated from Youtube and Reddit; *Angular2, Typescript, NodeJs, MongoDB*; [github.com/atalw/mu](https://github.com/atalw/mu)
- **ChangeIndiaWithUs:** A forum where people could voice their opinions + a blog with unpopular news articles; 1000+ daily active users at peak.
- **Github:** [www.github.com/atalw](https://www.github.com/atalw)

## RESEARCH DISSERTATION

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### Script Identification With Egyptian Hieroglyphs

*First class (90<sup>th</sup> percentile)*

April 2017

*St Andrews, Scotland*

- Extended an existing Hieroglyph OCR tool to distinguish between modern and ancient texts.
- A Convolutional Neural Network was implemented and optimised to classify the text.
- 96.875% accuracy was obtained using the model.
- <http://akshittalwar.com/files/dissertation.pdf>

## AWARDS

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- **Innovation and Creativity Award 2014:** Bluebells School International
- **International Informatics Olympiad 2012:** International Rank 7
- **International Math Olympiad 2009:** School Rank 1
- **6 year scholar:** Bluebells School International