

Akshit Talwar

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ABOUT ME

- **Languages:** Python, Swift, Java, Javascript, C++, SQL, PHP
- **Technologies:** AWS, Xcode, Unix, Git, Firebase, Vim, L^AT_EX
- **Interests:** Philosophy, psychology, fitness, weightlifting, writing, cryptocurrencies

EDUCATION

University of St. Andrews

Bachelor of Science (Hons) in Computer Science; Direct 2nd 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

Freelance

Web Developer

Bengaluru, India

Dec. 2018 - Present

- **Charcoal:** Hand-coded premium responsive website (www.charcoal.design)
- **ElmTreeOrganics:** Responsive Wordpress E-commerce website (www.elmtreeorganics.com)
- **Prasad Bidapa:** Responsive Wordpress website (www.prasadbidapa.com)

Tutuowl Pvt. Ltd.

CTO

Bengaluru, India

Sept. 2018 - Jan. 2019

- **Work:** Managing the complete online presence of the company; Business development; E-commerce website, Amazon listing, and social media management.
- **Responsibilities:** Team Management (3 people), website development, digital marketing, and SEO.
- **Link:** www.tutuowl.com

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 8 on iOS app store paid chart; 500+ weekly users; 50+ active subscriptions at peak
- **Stack:** Swift, Firebase, Python, AWS, HTML, CSS, Photoshop
- **Download:** itunes.apple.com/app/cryptare-crypto-portfolio/id1266256984

PERSONAL PROJECTS

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

RESEARCH DISSERTATION

Script Identification With Egyptian Hieroglyphs

First class (90th 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.
- Keras, Python, Java, C++, L^AT_EX
- atalw.github.io/files/dissertation.pdf

AWARDS

- **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