

# Krzysztof Kucharski

<https://kkucharski.com>

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## EDUCATION

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- **Warsaw University of Technology** Warsaw  
*The Faculty of Electronics and Information Technology* 2015 – 2017  
*Master of Science in Engineering, Telecommunication*  
  
Remote objects recognition in images with CNN (Python, Java, caffe, mxnet)
- **Warsaw University of Technology** Warsaw  
*The Faculty of Electronics and Information Technology* 2012 – 2015  
*Bachelor of Science in Engineering, Telecommunication*  
  
MPEG-7 library for image classification (C++, Java, Python, JNI, ctypes)

## EXPERIENCE

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- **Goldman Sachs** Warsaw, Poland  
*Software Engineer (Analyst, Associate)* April 2020 - present
  - **Development & Support:** Implementing and managing distributed services for processing, analytics and visualisation of financial data (Java, Kafka, MongoDB, Vertx, ReactJS)
- **Samsung R&D Institute** Warsaw, Poland  
*Software Engineer* Jan 2018 - April 2020
  - **Augmented Reality:**
    - \* Design and implementation of Unity AR Core multiplayer game with custom system of data streaming with TCP & UDP
    - \* Integration of custom camera preview plugin for Unity
    - \* Warehouse management system with QR code scanning (Docker, Django, MySQL, Unity)
    - \* AR barcode scanning (Scandit, Unity)
    - \* Other minor PoC applications with ARCore & Unity
  - **Data Visualisation:** Realtime charts (D3.js)
- **Samsung R&D Institute** Warsaw, Poland  
*Internship* Jul 2015 - Sep 2015, Oct 2016 - Dec 2017
  - **User Interface:** Implementation of UI views and controls for Eclipse & IntelliJ plugins for analyzing graphics hardware
  - **Augmented Reality:** User Interface for custom made Android + OpenGL ES AR games & applications

## SKILLS

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- **Languages:** Java, Python, JavaScript, C#
- **Game Development and AR:** Unity, ARCore, C#
- **Frontend:** ReactJS, TS, NextJS, Redux, Webpack, SCSS, TailwindCSS, CSS Modules, Styled Components, Figma
- **Other:** Google Cloud, Firebase, Vercel, DigitalOcean, Docker, Git, Maven, Vertx, Kafka, MongoDB