

EXPERIENCE

- **Receipt Bank** Sofia, Bulgaria
Machine Learning Engineer Nov 2019 - present
- **myPoli** Plovdiv, Bulgaria
Co-creator Mar 2016 - Nov 2019
 - **Mobile & Web apps:** Design & implement Android, iOS and Web app with a team of 4 (ReactJS, React Native, Firebase, JavaScript, Kotlin, Java, NodeJS)
 - **Task scheduling:** Probabilistic scheduling model for choosing time & date for a ToDo item (Python, Kotlin)
 - **NLU:** Model for extracting date, time, duration and recurrence patterns from text (Python, Java)
 - **Membership System:** Payment verification and checking system that allows membership access on different platforms - Android, iOS and Web (PayPal, Firebase, JavaScript, NodeJS, Koa, Serverless, AWS lambda)
- **SkyScanner** Sofia, Bulgaria
Machine Learning Engineer Sep 2015 - Jan 2016
 - **ML Framework:** Develop an end-to-end framework for training, testing and deployment of Machine Learning models with a team of 8 developers (Python, NumPy, scikit-learn)
 - **Data Collection & Preprocessing:** Extract & preprocess data from Spark datastores using AWS instances (Python, PySpark queries, Pandas, NumPy, Matplotlib)
 - **Modeling:** Develop and implement Neural Network & Random Forest models to predict ticket prices (Python, scikit-learn, Pandas, NumPy and Keras)
- **MasConsult** Plovdiv, Bulgaria
Java EE/Android Developer Mar 2011 - Dec 2012
 - **Game Development:** Porting of 20 ObjC games to Java with a team of 4 developers (Cocos2d, AndEngine)
 - **Domain Register:** Backend development of domain registration service using TDD & Scrum with a team of 4 developers. (Java EE, JUnit, Tomcat)
- **Viscomp** Plovdiv, Bulgaria
Junior PHP Developer Feb 2009 - Oct 2009
 - **Web Crawler Tool:** Design and development of Web crawling tool (extracting personal and business contact/details information) with a team of 3 developers (PHP, Apache, Zend Framework)

PROJECTS

- **(Book) Deep Learning for JavaScript Hackers:** Build Machine Learning models in JavaScript with TensorFlow
- **(Book) Hands-On Machine Learning from Scratch:** Implement Machine Learning models from scratch in Python
- **RetroSelfie:** Co-creator of photo editing app with 50,000,000+ downloads worldwide (Java, Kotlin)
- **Virtus:** Strength training coach powered by AI (React Native, ReactJS, TensorFlow.js, Firebase)
- **My Journey:** Journaling app that analyzes what makes you happy (React Native, WatermelonDB, Victory Native)

EDUCATION

- **PhD student (Mathematical Modeling)** Plovdiv, Bulgaria
Plovdiv University Mar. 2016 -
- **Master of Science in Computer Science** Plovdiv, Bulgaria
Plovdiv University Oct. 2012 - Jul. 2013
- **Bachelor of Science in Computer Science** Plovdiv, Bulgaria
Plovdiv University Oct. 2009 - Jul. 2012

INTERESTS

Powerlifting, Mountain Biking, Hiking, Behavioural economics, Personal Productivity, Entrepreneurship, Competitive Programming, The Office (TV Series), Neuroscience