

Karol Pokorski

Resume

Starogardzka 16
83-220 Skórcz, POLAND
☎ +48 515 265 582
✉ pokorski@solve.edu.pl



Info

Born July 2th, 1992 in Gdańsk, Poland
Webpage <http://solve.edu.pl/~pokorski> Skype pokorski92

Education

- 2014-current **Master's Degree in Computer Science**, *University of Wrocław*, Wrocław, Poland.
Finished one of four parts. Suspended studies for a year (because of professional work in 2015-2016).
Expected graduation: March 2018.
- 2011-2014 **Bachelor's Degree in Computer Science**, *University of Wrocław*, Wrocław, Poland.
Completed studies with GPA 4.74. Final exam grade: 5.0. (scale: lowest 2.0, highest 5.0).
- 2011-2014 **Bachelor's Degree in Maths**, *University of Wrocław*, Wrocław, Poland.
Completed studies with GPA 4.02. Final exam grade: 4.5. (scale: lowest 2.0, highest 5.0).
- 2008-2011 **High School Diploma**, *3rd High School in Gdynia*, Gdynia, Poland.
Finished CS/Math profiled class.



Experience

- May 2015 - **Software Engineer**, *Google*, Zurich, Switzerland.
Aug 2016 Full time position
Shopping & Ads team. Working on improving quality of predictions for Shopping.
Mostly C++ code and a bit of distributed computing experience.
Helped in organizing Google Code Jam competition as 20% project.
Preparation of problem statements, model solutions, tests, scripts.
- Jul 2014 - **Software Engineer**, *Ten Square Games*, Wrocław, Poland.
Oct 2014 Part-time job
Most of code in Java — backend engineer, a little bit of frontend (ActionScript/Flash).
Designed ranking system formulas for players in the game.
Prepared large part of team cooperation system in multiplayer game.
- Jul 2013 - **Software Engineer Intern**, *imo.im*, Palo Alto, USA.
Sept 2013 Internship
Implemented charts system collecting statistics of all running services.
Backend and frontend work.
After my work, company could reduce number of machines, computation time was reduced (so updates are now more often) and graphs are easier to use.
- Sept 2011 - **Teacher**, *14th High School in Wrocław*, Wrocław, Poland.
Apr 2015 Teacher. Manager of Algorithmic Academy for Juniors.



Skills

Languages English (advanced)
Programming languages C/C++ (very good), Python (very good), Java
Other SQL, HTML/CSS/JavaScript/JQuery, L^AT_EX, Git, Linux

Science activities

- 2011 Prepared task and model solutions for **Central European Olympiad in Informatics** (problem *Similarity*)
- 2012-current Member of Jury of **Polish Olympiad in Informatics**, problem writer of tasks, prepared tests and model solutions
- 2012-current Member of Jury of **Algorithmic Engagements**, problem writer of tasks, prepared tests and model solutions
- 2013 Written some articles for Math/Computer Science magazine **Delta**
- 2015 Prepared task and model solutions for **Baltic Olympiad in Informatics** (problem *Bowling*)
- 2015 Invented and prepared task/model solutions for **Marathon24** (problem *Eurovision Song Contest*)
- 2015-current Head of Jury of **Polish Collegiate Programming Contest**, problem writer of tasks, prepared tests and model solutions, prepared contest environment for the competition, managed team of Jury members preparing the problems

Achievements in programming competitions

- Studies 18th place in **ACM International Collegiate Programming Contest 2012**, World Finals (128 teams on the finals, around 30k students compete in qualifications each year)
- Studies 6th place in **Central Europe Regional Contest 2011**
- High School 2 × laureate in **Polish Olympiad in Informatics**
silver medal (2010), bronze medal (2009) and honorable mention (2011)
- High School 2 × finalist in **Baltic Olympiad in Informatics**
- Secondary School Winner of **Junior Polish Olympiad in Informatics** (1st place out of 300 participants)



Other achievements

- Finished CCNA course parts 1 and 2
- Finished Management Academy of Asseco Poland
- Polish **Ministry of Education** scholarship holder 2007/2008 and 2008/2009
- Polish **Ministry of Science and Higher Education** scholarship holder 2012/2013

Interests and Hobbies

- Teaching of algorithms (mostly young, smart people)
- Preparing new algorithm problems for competitions, interviews etc.
- Competitive programming (codeforces, ACM ICPC)
- Web development, front-end design
- Running

Projects

- Solve System <https://www.solve.edu.pl> — Online Judge written by me. Used mostly for teaching my students. More than 300 problems added so far.