

Razpisano delovno mesto: RAZISKOVALEC, (H017004), M/Ž

1. Zaposlitev za:

a) določen čas, **predvidoma** 1.1.2020 do 31.12.2021 (24 mesecev), s **polnim** delovnim časom, s trimesečno poskusno dobo

2. Pogoji za opravljanje dela:

a) zahtevana izobrazba:

- izobrazba s področja računalništva (zaželeno) ali matematike, fizike, elektrotehnike, strojništva 2. Bolonjske stopnje

b) zahtevana znanja:

- Objektno orientirano programiranje (Java, C++)
- Programiranje v jeziku C

c) zaželena znanja:

- Poznavanje računalniških prevajalnikov (LLVM)
- Razvoj aplikacij za Android naprave

3. Kratek opis dela in nalog:

Delo je na projektu ARRS ERC Komplementarna shema.

Delovne naloge:

1. Raziskava na področju približnega računanja:

- Analiza sorodnih del iz področja približnega računanja in mobilnega zaznavanja;
- Implementacija izbranih tehnik približnega računanja v Android operativnem sistemu;
- Načrtovanje in implementacija sistema za profiliranje natančnosti in energetske učinkovitosti aplikacij;
- Implementacija aproksimativnih aplikacij, izvedba uporabniških študij, ter evalvacija uporabnosti aproksimativnih aplikacij.

2. Pisanje znanstvenih člankov in predstavljanje rezultatov na mednarodnih konferencah;

Od kandidata se pričakuje še, da se v šolskem letu 2020/2021 vpiše na doktorski študij računalništva in informatike na UL FRI. Sredstva za kritje šolnine so vključena v ponudbo.

4. Rok za prijavo: do 22.11.2019

5. Prijava:

Kandidati naj v prošnji priložijo motivacijsko pismo (največ ena stran), življenjepis, izpisek ocen, ter kontakte za dva priporočilna pisma.

Prijavo s prilogami kandidati pošljejo **na elektronski naslov** kadrovska@fri.uni-lj.si z **obveznim** pripisom: «**Raziskovalec ARRS ERC**».

Fakulteta za računalništvo in informatiko Univerze v Ljubljani si pridržuje pravico, da v skladu z pogodbeno svobodo po 24. členu ZDR-1 kandidata ne izbere, navkljub temu, da izpolnjuje pogoje.

UL FRI si pridružuje pravico, da ne zapolni vseh razpisanih delovnih mest.

6. Kontaktna oseba na članici:

Sonja Lojk

Tel.: 01/4798-115

e-mail: kadrovska@fri.uni-lj.si

PUBLIC INTERNATIONAL JOB ANNOUNCEMENT

Position: Researcher (H017004)

Employment: definite period of time (expected from 1.1.2020 till 31.12.2021), full-time, 3 months probation

Salary level:

Required education level:

- Master degree in:
 - Computer science or computer engineering (desired)
 - Mathematics/physics
 - Electronics engineering
 - Mechanical engineering

b) Required skills:

- Object oriented programming (Java, C++)
- Basics of C programming language

c) Desired skills:

- Compilers
- Android development

Description of work:

1. Research in the area of approximate mobile computing:
 - analysis of the related work in the fields of approximate computing and mobile sensing;
 - implementation of selected approximation techniques in Android OS;
 - design and construction of an accuracy-resource usage profiler for approximate mobile applications;
 - implementation of approximate mobile computing applications and conducting user studies to evaluate the applications' usability;
2. Reporting research results in scientific publications and presenting the results at scientific conferences.

Basic salary: from 1485 EUR

Note: The selected candidate is expected to enroll the Faculty of Computer and Information Science's PhD programme starting with the 2020/2021 school year. The tuition waiver for the programme is included in the offer.

Slovenia is an attractive location reaching into the Alps and the Mediterranean, a European Union member state with a high quality of life and well preserved environment. The capital, Ljubljana, is a charming middle size European city, the European Green Capital 2016, with a lively cultural and academic life. University of Ljubljana is the best national and a strong regional educational institution. Faculty of Computer and Information Science employs 170 research, teaching and administrative staff and enrolls approximately 1300 undergraduate and graduate students. The Faculty research, funded by EU, national and industry grants, is particularly strong in fields related to Artificial Intelligence, an area traditionally researched by our Faculty since 1970s. In 2014 the Faculty moved to newly constructed \$100 million premises in Ljubljana.

Applications including a brief motivational letter, CV, transcript of records, and contacts of two referees, should be e-mailed to kadrovska@fri.uni-lj.si with subject "Announcement – Researcher ARRS ERC" until November 22nd, 2019.

Contact person at the Faculty:

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