

Razpisano delovno mesto: RAZISKOVALEC (H017004) ali ASISTENT Z DOKTORATOM, (H019001), M/Ž

1. Zaposlitev za:

a) določen čas, **predvidoma** 1.1.2020 do 31.12.2021 (24 mesecev), s **krajšim (50%)** delovnim časom, s trimesečno (štirimesečno) poskusno dobo

2. Pogoji za opravljanje dela:

a) zahtevana izobrazba:

- izobrazba s področja računalništva (zaželeno) ali matematike, fizike, elektrotehnike, strojništva **najmanj** 2. Bolonjske stopnje (zaželeno 3. Bolonjske stopnje)

b) zahtevana znanja:

- Programiranje v programskem jeziku C in assemblerju
- Poznavanje metod znanstvene raziskave
- Izkušnje z sporočanjem rezultatov znanstvenega dela (objave)

c) zaželena znanja:

- Poznavanje računalniških prevajalnikov (LLVM)
- Razvoj aplikacij za Android naprave
- Merjenje in modeliranje porabe energije

3. Kratek opis dela in nalog:

Delo na projektu ARRS ERC Komplementorna shema.

Delovne naloge so:

1. Raziskava na področju približnega računanja:
 - Analiza sorodnih del iz področja približnega računanja;
 - Implementacija izbranih tehnik približnega računanja v Android operativnem sistemu;
 - Analiza energetske učinkovitosti aproksimativnih aplikacij.
2. Pisanje znanstvenih člankov in predstavljanje rezultatov na mednarodnih konferencah; 3. Sodelovanje pri mentorstvu doktorskih študentov.

Kombiniranjem tukaj oglašene zaposlitve na raziskovalnem projektu z delno zaposlitvijo na asistentskem delovnem mestu je mogoče ustvariti zaposlitev za poln delovni čas na UL FRI.

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: (postdoctoral) Researcher (H019001)

Employment: definite period of time (probably from 1.1.2020 till 31.12.2021), part-time (50%), 3 (4) months probation

Salary level:

Required education level:

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

Desired education level:

- PhD in Computer science or computer engineering (desired),
 - Mathematics/physics,
 - Electronics engineering,
 - Mechanical engineering.

Required skills:

- Low-level computer programming (assembler, C)
- Experience with scientific research methodology
- Scientific reporting

Desired skills:

- Compiler programming (LLVM)
- Android development
- Energy measurement and modelling

Description of work:

1. Research in the area of approximate mobile computing:
 - investigation of approximation techniques suitable for mobile devices;
 - implementation of low-level approximation techniques in Android OS;
 - examination of energy savings enabled by these techniques.
2. Reporting research results in scientific publications and presenting the results at scientific conferences;
3. Assisting with PhD student mentoring.

Basic salary: from 1485 EUR to 2286 EUR (depends from education level)

Note: This research position can be combined with a 50% teaching assistantship in order to obtain full-time employment.

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 obvious postscript "Announcement – Researcher ADH ARRS ERC" until November 22nd, 2019.

Contact person at the Faculty:

Sonja Lojk

Phone: +386/1/4798-115

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