2017 Summer Research in Research and Development of Algorithms in a Software Factory

Topics Include:

- Tools for Computing Genomic Distances with Gene Duplications
- Software Tools for Pan-genomics
- Sustainable Software Package for Topological Data Analysis
- Understanding Trustworthiness in Mobile Social Networks
- Studying the Structure of Music through Topological Data Analysis
- Risk-based Vehicle Health Managment
- Biomedical Natural Language Processing Tool for Extracting Protein-Function Relations from Literature

Highlights:

- 10 weeks, May 29 - August 4, 2017
- $5000 stipend
- Travel expenses up to $600
- Housing at Montana State University (MSU)
- Meal allowance $120/week
- State-of-the-art research facilities
- Faculty-student mentoring
- Weekend outings and social activities

About Montana State University:

- Located in Bozeman, Montana, an extended community of 70,000 nestled in the Rocky Mountains
- Approximately 16,000 student and over 2,000 graduate students

Nearby Attractions:

- Yellowstone National Park
- Recreational opportunities including mountain biking, hiking, blue-ribbon trout fishing, only minutes from campus
- Sweet Pea Festival and weekly Music on Main

Eligibility

- US citizens or permanent residents
- Sophomore standing in computer science or closely related field (see website for full details)

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More Information and How to Apply: