Why GPS?

- Brandeis standards of excellence
- Convenient, flexible, fully online
- Seminar-style classes
- Average class size of 12
- Faculty from industry
- Professional connections
- One-on-one advising
- Finish in 18 months

Why GPS?

Why GPS?

Why GPS?

Staying current on leading-edge approaches in software engineering.

Developed with industry experts, this STEM-designated program will equip you to:

- Design, develop, operate and maintain software systems.
- Collaborate with stakeholders at every stage of software development.
- Build solutions using different languages, technologies, life-cycle approaches and best practices.

Required Courses:

- Expert Software Development in Java
- Object-Oriented Design with UML
- Software Development Methodologies
- Release Control and Continuous Integration/Continuous Delivery (DevOps)
- Software Engineering Studio
- Software Testing Techniques

Sample Electives (Select 4):

- Mobile Applications and Responsive Web Design
- Microservices Architecture and Development
- Ruby Programming
- Agile Software Development
- Advanced JavaScript Programming
- Web Development Technologies

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2018-2019 Academic Year