Peter Alexander

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Languages
English
French

Programming Languages
R, JAVA, Python, Django
LaTeX

Objective

Present	**Chief Information Officer/Project Management**	Bay Area

Seeking full-time work in project management, product management or development in Education Technologies or related fields.

Always	**HAIL**	Worldwide

Honesty, **A**uthenticity, **I**ntegrity, and **L**ove, in all my ways of relating to others at work and at play.

Education

	Ph.D. in Mathematics (ABD)	U.C. Berkeley
	Master of Arts in Mathematics	U.C. Berkeley
	B.A. Mathematics	U.C. Berkeley

Experience

2016 to Now	**Chief Information Officer/Founding Engineer**	iQ3R Education Technologies

Develop and deploy a fully functional platform with learning management, scheduling and video conferencing. Oversee hiring and staffing of instructors for 1:1 synchronous online teaching, tutoring and test prep. Work with hosting services and development team to insure site security and reliability for online instruction. WASC accreditaion, NWEA assessment, programming specs for Tencent.

2016-2018	**Chief Information Officer**	Novellum Education/Cardiff Learning

Planned and guided development of core technologies in Django which would eventually become the cloud based platform used by iQ3R. Coordinated international students with instructors in the U.S. and Canada for online classes. Worked with data scientists on assessment tools.

2011-2016	**Project Director/Chief Instructor**	ThinkTank Learning

Directed a staff of over 70 to develop and deploy curriculum for SAT and ACT test preparation. Internship management in IT. Directed LaTeX designers to typeset all lesson materials. Engineered and deployed a content management framework for distributing proprietary instructional materials to customers and instructors. Trained staff on use of the materials.

	Additional Experience	Bay Area Consulting and Teaching

- Instructional design and content development
- Mathematics instruction at all levels
- Risk management in mathematical finance
- Mathematical models of financial derivative products
- Mathematical models for supply chain problems
- Mathematical finance research at Stanford University

References

Professional and personal references available on request.